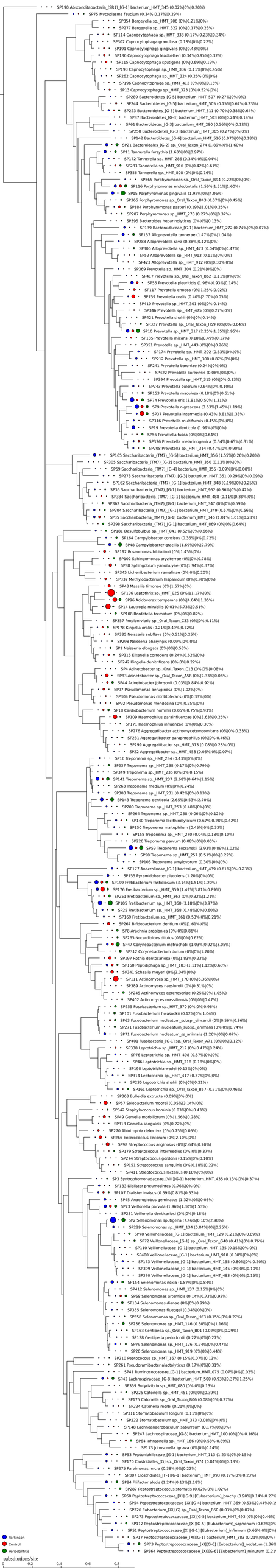
SP190 Abscondibacteria_(SR1)_[G-1] bacterium_HMT_345 (0.02%|0%|0.20%)
SP75 Mycoplasma faucium (0.34%|0.17%|0.29%)
SP354 Bergeyella sp._HMT_206 (0%|0.21%|0%)
SP277 Bergeyella sp._HMT_322 (0%|0.17%|0.23%)
SP114 Capnocytophaga sp._HMT_338 (0.17%|0.23%|0.34%)
SP302 Capnocytophaga granulosa (0.18%|0%|0.22%)
SP191 Capnocytophaga gingivalis (0%|0.43%|0%)
SP186 Capnocytophaga leadbetteri (0.34%|0.95%|0.32%)
SP115 Capnocytophaga sputigena (0%|0.69%|0.19%)
SP193 Capnocytophaga sp._HMT_336 (0.11%|0%|0.45%)
SP262 Capnocytophaga sp._HMT_324 (0.26%|0%|0%)
SP196 Capnocytophaga sp._HMT_412 (0%|0%|0.15%)
SP13 Capnocytophaga sp._HMT_323 (0%|0.52%|0%)
SP289 Bacteroidetes_[G-5] bacterium_HMT_507 (0.27%|0%|0%)
SP244 Bacteroidetes_[G-5] bacterium_HMT_505 (0.15%|0.62%|0.23%)
SP223 Bacteroidetes_[G-5] bacterium_HMT_511 (0.70%|0.38%|0.64%)
SP87 Bacteroidetes_[G-3] bacterium_HMT_503 (0%|0.24%|0.14%)
SP61 Bacteroidetes_[G-3] bacterium_HMT_280 (0.56%|0%|0.12%)
SP250 Bacteroidetes_[G-3] bacterium_HMT_365 (0.27%|0%|0%)
SP142 Bacteroidetes_[G-6] bacterium_HMT_516 (0.07%|0%|0.18%)
SP21 Bacteroidales_[G-2] sp._Oral_Taxon_274 (1.89%|0%|1.60%)
SP11 Tannerella forsythia (1.63%|0%|0.97%)
SP172 Tannerella sp._HMT_286 (0.34%|0%|0.04%)
SP283 Tannerella sp._HMT_916 (0%|0.42%|0.61%)
SP356 Tannerella sp._HMT_808 (0%|0%|0.16%)
SP365 Porphyromonas sp._Oral_Taxon_894 (0.22%|0%|0%)
SP116 Porphyromonas endodontalis (1.56%|1.51%|1.60%)
SP15 Porphyromonas gingivalis (1.92%|0%|4.06%)
SP366 Porphyromonas sp._Oral_Taxon_B43 (0.07%|0%|0.45%)
SP184 Porphyromonas pasteri (0.19%|1.01%|0.25%)
SP207 Porphyromonas sp._HMT_278 (0.27%|0%|0.37%)
SP395 Bacteroides heparinolyticus (0%|0%|0.13%)
SP139 Bacteroidaceae_[G-1] bacterium_HMT_272 (0.74%|0%|0.07%)
SP157 Alloprevotella tannerae (1.47%|0%|1.04%)
SP288 Alloprevotella rava (0.38%|0.12%|0%)
SP306 Alloprevotella sp._HMT_473 (0.04%|0%|0.47%)
SP52 Alloprevotella sp._HMT_913 (0.11%|0%|0%)
SP423 Alloprevotella sp._HMT_912 (0%|0.30%|0%)
SP369 Prevotella sp._HMT_304 (0.21%|0%|0%)
SP417 Prevotella sp._Oral_Taxon_862 (0.11%|0%|0%)
SP55 Prevotella pleuritidis (1.96%|0.93%|0.14%)
SP117 Prevotella enoeca (0%|1.25%|0.02%)
SP159 Prevotella oralis (0.40%|2.70%|0.05%)
SP410 Prevotella sp._HMT_301 (0%|0%|0.14%)
SP346 Prevotella sp._HMT_475 (0%|0.27%|0%)
SP421 Prevotella shahii (0%|0%|0.14%)
SP327 Prevotella sp._Oral_Taxon_H59 (0%|0%|0.64%)
SP10 Prevotella sp._HMT_317 (2.25%|1.35%|2.95%)
SP185 Prevotella micans (0.18%|0.49%|0.17%)
SP351 Prevotella sp._HMT_443 (0%|0%|0.26%)
SP174 Prevotella sp._HMT_292 (0.63%|0%|0%)
SP212 Prevotella sp._HMT_300 (0.87%|0%|0%)
SP241 Prevotella baroniae (0.24%|0%|0%)
SP422 Prevotella koreensis (0.08%|0%|0%)
SP394 Prevotella sp._HMT_315 (0%|0%|0.13%)
SP243 Prevotella oulorum (0.64%|0%|0.10%)
SP153 Prevotella maculosa (0.18%|0%|0.61%)
SP74 Prevotella oris (3.81%|0.50%|1.31%)
SP9 Prevotella nigrescens (3.53%|1.45%|1.19%)
SP37 Prevotella intermedia (0.43%|3.81%|1.33%)
SP316 Prevotella multiformis (0.45%|0%|0%)
SP19 Prevotella denticola (1.99%|0%|0%)
SP56 Prevotella fusca (0%|0%|0.64%)
SP336 Prevotella melaninogenica (0.54%|0.65%|0.31%)
SP208 Prevotella sp._HMT_314 (0.47%|0%|0.90%)
SP165 Saccharibacteria_(TM7)_[G-5] bacterium_HMT_356 (1.55%|0.26%|0.20%)
SP305 Saccharibacteria_(TM7)_[G-2] bacterium_HMT_350 (0.12%|0%|0%)
SP69 Saccharibacteria_(TM7)_[G-4] bacterium_HMT_355 (0.09%|0%|0.08%)
SP278 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_351 (0.29%|0%|0.09%)
SP162 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_348 (0.19%|0%|0.25%)
SP36 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_952 (0.36%|0%|0.42%)
SP334 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_488 (0.11%|0.38%|0%)
SP362 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_347 (0%|0%|0.59%)
SP204 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_349 (0.67%|0%|0.56%)
SP35 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_346 (1.01%|1.01%|0.28%)
SP398 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_869 (0%|0%|0.64%)
SP181 Desulfobulbus sp._HMT_041 (0.52%|0%|0.66%)
SP164 Campylobacter concisus (0.36%|0%|0.72%)
SP48 Campylobacter gracilis (1.69%|0%|2.79%)
SP192 Rosenonoma hibiscicola (0%|1.45%|0%)
SP102 Sphingomonas oryziterrae (0%|0%|0.78%)
SP88 Sphingobium yanoikuyae (0%|1.94%|0.37%)
SP345 Licheniibacterium ramalinae (0%|0%|0.20%)
SP337 Methylobacterium hispanicum (0%|0.98%|0%)
SP43 Massilia timonae (0%|1.57%|0%)
SP106 Leptothrix sp._HMT_025 (0%|11.17%|0%)
SP96 Acidovorax temperans (0%|4.04%|1.35%)
SP14 Lautropia mirabilis (0.01%|5.73%|0.51%)
SP108 Bordetella trematum (0%|0%|0.82%)
SP357 Propionivibrio sp._Oral_Taxon_C33 (0%|0%|0.11%)
SP178 Kingella oralis (0.21%|0.49%|0.72%)
SP335 Neisseria subflava (0%|0.51%|0.25%)
SP298 Neisseria pharyngis (0.09%|0%|0%)
SP1 Neisseria elongata (0%|0%|0.53%)
SP315 Eikenella corrodens (0.24%|0.62%|0%)
SP242 Kingella denitrificans (0%|0%|0.22%)
SP4 Acinetobacter sp._Oral_Taxon_C13 (0%|0%|0.08%)
SP83 Acinetobacter sp._Oral_Taxon_A58 (0%|2.33%|0.06%)
SP44 Acinetobacter johnsonii (0.03%|0.84%|0.92%)
SP97 Pseudomonas aeruginosa (0%|1.02%|0%)
SP304 Pseudomonas nitritroleans (0%|0.33%|0%)
SP92 Pseudomonas mendocina (0%|0.25%|0%)
SP18 Cardiobacterium hominis (0.05%|0.75%|0.93%)
SP109 Haemophilus parainfluenzae (0%|3.63%|0.25%)
SP171 Haemophilus influenzae (0%|0%|0.30%)
SP276 Aggregatibacter actinomycetemcomitans (0%|0%|0.33%)
SP281 Aggregatibacter paraphrophilus (0%|0%|0.46%)
SP299 Aggregatibacter sp._HMT_513 (0.08%|0.28%|0%)
SP22 Aggregatibacter sp._HMT_458 (0.05%|0%|0.07%)
SP16 Treponema sp._HMT_234 (0.43%|0%|0%)
SP237 Treponema sp._HMT_238 (0.17%|0%|0.79%)
SP349 Treponema sp._HMT_235 (0%|0%|0.15%)
SP141 Treponema sp._HMT_237 (2.68%|0.64%|2.15%)
SP263 Treponema medium (0%|0%|0.24%)
SP308 Treponema sp._HMT_231 (0.42%|0%|0.13%)
SP143 Treponema denticola (2.65%|0.53%|2.70%)
SP200 Treponema sp._HMT_253 (0.48%|0%|0%)
SP264 Treponema sp._HMT_258 (0.06%|0%|0.12%)
SP140 Treponema lecithinolyticum (0.67%|0.28%|0.42%)
SP150 Treponema maltophilum (0.45%|0%|0.33%)
SP158 Treponema sp._HMT_270 (0.04%|0.18%|0.10%)
SP226 Treponema parvum (0.08%|0%|0.05%)
SP59 Treponema socranskii (3.93%|0.89%|3.02%)
SP50 Treponema sp._HMT_257 (0.51%|0%|0.22%)
SP103 Treponema amylovorum (0.30%|0%|0%)
SP177 Anaerolineae_[G-1] bacterium_HMT_439 (0.61%|0%|0.23%)
SP155 Pyramidobacter piscolens (1.20%|0%|0%)
SP199 Fretibacterium fastidiosum (3.14%|1.51%|1.20%)
SP176 Fretibacterium sp._HMT_359 (1.49%|3.81%|0.89%)
SP251 Fretibacterium sp._HMT_362 (0%|0.32%|1.21%)
SP105 Fretibacterium sp._HMT_360 (3.18%|0%|3.97%)
SP25 Fretibacterium sp._HMT_358 (0.48%|0%|0.60%)
SP169 Fretibacterium sp._HMT_361 (0.53%|0%|0.21%)
SP267 Bifidobacterium dentium (0%|1.61%|0%)
SP8 Arachnia propionica (0%|0%|0.86%)
SP265 Nocardioides dilutus (0%|0%|0.62%)
SP47 Corynebacterium matruchotii (1.03%|0.92%|3.05%)
SP312 Corynebacterium durum (0%|0%|1.20%)
SP197 Rothia dentocariosa (0%|1.83%|0.23%)
SP160 Peptidiphaga sp._HMT_183 (1.11%|1.12%|0.68%)
SP341 Schaalia meyeri (0%|2.04%|0%)
SP111 Actinomyces sp._HMT_170 (0%|6.36%|0%)
SP389 Actinomyces naeslundii (0%|0.31%|0%)
SP245 Actinomyces gerencseriae (0.25%|0%|1.05%)
SP402 Actinomyces massiliensis (0%|0%|0.47%)
SP255 Fusobacterium sp._HMT_370 (0%|0%|0.96%)
SP101 Fusobacterium hwasookii (0.12%|0%|1.04%)
SP63 Fusobacterium nucleatum_subsp._vincentii (0%|0.56%|0.86%)
SP271 Fusobacterium nucleatum_subsp._animalis (0%|0%|0.74%)
SP71 Fusobacterium nucleatum_ss_animalis (1.26%|0%|0.07%)
SP401 Fusobacteria_[G-1] sp._Oral_Taxon_A71 (0%|0%|0.12%)
SP338 Leptotrichia sp._HMT_212 (0%|0.47%|0.24%)
SP76 Leptotrichia sp._HMT_498 (0.57%|0%|0%)
SP46 Leptotrichia sp._HMT_218 (0.18%|0%|0%)
SP198 Leptotrichia wadei (0.13%|0%|0%)
SP314 Leptotrichia sp._HMT_417 (0.37%|0%|0%)
SP235 Leptotrichia shahii (0%|0%|0.21%)
SP161 Leptotrichia sp._Oral_Taxon_B57 (0.71%|0%|0.46%)
SP363 Bulleidia extructa (0.09%|0%|0%)
SP57 Solobacterium moorei (0.05%|3.14%|0%)
SP342 Staphylococcus hominis (0.03%|0%|0.43%)
SP49 Gemella morbillorum (0%|1.56%|0.28%)
SP313 Gemella sanguinis (0%|0.22%|0%)
SP270 Abiotrophia defectiva (0%|0.75%|0.05%)
SP266 Enterococcus cecorum (0%|2.10%|0%)
SP98 Streptococcus anginosus (0%|2.64%|0.20%)
SP139 Streptococcus intermedius (0%|0%|0.37%)
SP274 Streptococcus gordonii (0.15%|0%|0.10%)
SP151 Streptococcus sanguinis (0%|0.18%|0.22%)
SP411 Streptococcus lactarius (0.18%|0%|0%)
SP3 Syntrophomonadaceae_[VIII][G-1] bacterium_HMT_435 (0.13%|0%|0.37%)
SP183 Dialister pneumosintes (0.76%|0%|0%)
SP107 Dialister invisus (0.59%|0.81%|0.53%)
SP45 Anaeroglobus geminatus (1.32%|0%|0.05%)
SP23 Veillonella parvula (1.96%|1.30%|1.53%)
SP231 Veillonella denticariosi (0%|0%|0.18%)
SP2 Selenomonas sputigena (7.46%|0.10%|2.98%)
SP229 Selenomonas sp._HMT_134 (0.84%|0%|0.25%)
SP70 Veillonellaceae_[G-1] bacterium_HMT_129 (0.21%|0%|0.89%)
SP72 Veillonellaceae_[G-1] sp._Oral_Taxon_G40 (0.41%|0%|0.76%)
SP110 Veillonellaceae_[G-1] bacterium_HMT_135 (0.15%|0%|0%)
SP400 Veillonellaceae_[G-1] bacterium_HMT_918 (0.08%|0%|0%)
SP173 Veillonellaceae_[G-1] bacterium_HMT_155 (0.80%|0%|0.20%)
SP399 Veillonellaceae_[G-1] bacterium_HMT_145 (0%|0%|0.10%)
SP370 Veillonellaceae_[G-1] bacterium_HMT_483 (0%|0%|0.15%)
SP154 Selenomonas noxia (1.87%|0%|0.84%)
SP412 Selenomonas sp._HMT_137 (0.16%|0%|0%)
SP58 Selenomonas artemidis (0.14%|0.73%|0.92%)
SP184 Selenomonas dianae (0%|0%|0.99%)
SP355 Selenomonas flueggei (0.34%|0%|0%)
SP358 Selenomonas sp._Oral_Taxon_H63 (0.15%|0%|0.27%)
SP236 Selenomonas sp._HMT_146 (0.30%|0%|1.16%)
SP163 Centipeda sp._Oral_Taxon_801 (0.02%|0%|0.29%)
SP138 Centipeda periodontii (0.22%|0%|0.27%)
SP79 Selenomonas sp._HMT_126 (0.74%|0%|0.47%)
SP20 Selenomonas sp._HMT_919 (0%|0%|0.44%)
SP210 Peptococcus sp._HMT_167 (0.15%|0.07%|0.13%)
SP261 Pseudoramibacter alactolyticus (0.17%|0%|0.31%)
SP41 Ruminococcaceae_[G-1] bacterium_HMT_075 (0.07%|0%|0.02%)
SP42 Lachnospiraceae_[G-8] bacterium_HMT_500 (0.93%|0.37%|1.25%)
SP359 Butyrivibrio sp._HMT_080 (0%|0%|0.13%)
SP225 Catonella sp._HMT_451 (0%|0%|0.39%)
SP175 Catonella sp._Oral_Taxon_B06 (0.08%|0%|0.27%)
SP224 Catonella morbi (0.21%|0%|0%)
SP311 Stomatobaculum longum (0.11%|0%|0%)
SP222 Stomatobaculum sp._HMT_373 (0.08%|0%|0%)
SP148 Lachnoanaerobaculum saburreum (0.17%|0%|0%)
SP247 Lachnospiraceae_[G-3] bacterium_HMT_100 (0%|0%|0.16%)
SP64 Johnsonella sp._HMT_166 (0%|0.58%|0.89%)
SP113 Johnsonella ignava (0%|0%|0.34%)
SP53 Peptoniphilaceae_[G-1] bacterium_HMT_113 (1.23%|0%|0.15%)
SP170 Clostridiales_[G] sp._Oral_Taxon_G74 (0.84%|0%|0.18%)
SP275 Parvimonas micra (0.38%|0%|0.22%)
SP307 Clostridiales_[F-1][G-1] bacterium_HMT_093 (0.17%|0%|0.23%)
SP84 Filifactor alocis (1.24%|0.13%|1.18%)
SP287 Peptostreptococcus stomatis (0.02%|0%|1.02%)
SP60 Peptostreptococcaceae_[XI][G-9] [Eubacterium]_brachy (0.90%|0.14%|0.27%
SP54 Peptostreptococcaceae_[XI][G-4] bacterium_HMT_369 (0.53%|0.44%|0.1
SP326 Eubacterium_[XI][G] sp._Oral_Taxon_860 (0.03%|0%|0.07%)
SP273 Peptostreptococcaceae_[XI][G-5] bacterium_HMT_493 (0%|0%|0.46%)
SP112 Peptostreptococcaceae_[XI][G-5] [Eubacterium]_saphenum (0.62%|0%
SP51 Peptostreptococcaceae_[XI][G-1] [Eubacterium]_infirmum (0.65%|0%|0%)
SP17 Peptostreptococcaceae_[XI][G-1] bacterium_HMT_383 (0.21%|0%|0%)
SP3 Peptostreptococcaceae_[XI][G-6] [Eubacterium]_nodatum (1.36%
SP364 Peptostreptococcaceae_[XI][G-6] [Eubacterium]_minutum (0.21%
Parkinson
Control
Periodontitis
substitutions/site
0.2
0.4
0.6
0.8