SP407 Methanobrevibacter oralis (0%|0%|0.07%)
SP424 Bergeyella sp._HMT_206 (0%|0.21%|0%)
SP335 Bergeyella sp._HMT_322 (0%|0.17%|0.23%)
SP217 Capnocytophaga sp._HMT_338 (0.17%|0.23%|0.34%)
SP208 Capnocytophaga gingivalis (0%|0.43%|0%)
SP293 Capnocytophaga granulosa (0.18%|0%|0.22%)
SP317 Capnocytophaga leadbetteri (0.34%|0.95%|0.32%)
SP283 Capnocytophaga sputigena (0%|0.69%|0.19%)
SP45 Capnocytophaga sp._HMT_336 (0.11%|0%|0.45%)
SP175 Capnocytophaga sp._HMT_324 (0.26%|0%|0%)
SP229 Capnocytophaga sp._HMT_323 (0%|0.52%|0%)
SP296 Capnocytophaga sp._HMT_412 (0%|0%|0.15%)
SP382 Bacteroidetes_[G-5] bacterium_HMT_507 (0.27%|0%|0%)
SP284 Bacteroidetes_[G-5] bacterium_HMT_505 (0.15%|0.62%|0.23%)
SP294 Bacteroidetes_[G-5] bacterium_HMT_511 (0.70%|0.38%|0.64%)
SP310 Bacteroidetes_[G-3] bacterium_HMT_503 (0%|0.24%|0.14%)
SP362 Bacteroidetes_[G-3] bacterium_HMT_365 (0.27%|0%|0%)
SP356 Bacteroidetes_[G-3] bacterium_HMT_280 (0.56%|0%|0.12%)
SP387 Bacteroidetes_[G-6] bacterium_HMT_516 (0.07%|0%|0.18%)
SP16 Bacteroidetes_[G-2] sp._Oral_Taxon_274 (1.89%|0%|1.60%)
SP74 Tannerella forsythia (1.63%|0%|0.97%)
SP280 Tannerella sp._HMT_286 (0.34%|0%|0.04%)
SP90 Tannerella sp._HMT_916 (0%|0.42%|0.61%)
SP326 Tannerella sp._HMT_808 (0%|0%|0.16%)
SP36 Porphyromonas endodontalis (1.56%|1.51%|1.60%)
SP359 Porphyromonas sp._Oral_Taxon_894 (0.22%|0%|0%)
SP33 Porphyromonas gingivalis (1.92%|0%|4.06%)
SP83 Porphyromonas sp._Oral_Taxon_843 (0.07%|0%|0.45%)
SP181 Porphyromonas pasteri (0.19%|1.01%|0.25%)
SP84 Porphyromonas sp._HMT_278 (0.27%|0%|0.37%)
SP288 Bacteroidaceae_[G-1] bacterium_HMT_272 (0.74%|0%|0.07%)
SP419 Bacteroides heparinolyticus (0%|0%|0.13%)
SP136 Alloprevotella tannerae (1.47%|0%|1.04%)
SP363 Alloprevotella rava (0.38%|0.12%|0%)
SP395 Alloprevotella sp._HMT_913 (0.11%|0%|0%)
SP213 Alloprevotella sp._HMT_912 (0%|0.30%|0%)
SP232 Alloprevotella sp._HMT_473 (0.04%|0%|0.47%)
SP341 Alloprevotella sp._HMT_308 (0%|0.11%|0%)
SP353 Alloprevotella sp._HMT_914 (0%|0%|0.03%)
SP312 Prevotella sp._HMT_304 (0.21%|0%|0%)
SP365 Prevotella sp._Oral_Taxon_862 (0.11%|0%|0%)
SP61 Prevotella pleuritidis (1.96%|0.93%|0.14%)
SP214 Prevotella enoeca (0%|1.25%|0.02%)
SP194 Prevotella oralis (0.40%|2.70%|0.05%)
SP358 Prevotella sp._HMT_301 (0%|0%|0.14%)
SP408 Prevotella marshii (0.03%|0%|0%)
SP331 Prevotella sp._HMT_475 (0%|0.27%|0%)
SP282 Prevotella shahii (0%|0%|0.14%)
SP26 Prevotella sp._Oral_Taxon_359 (0%|0%|0.64%)
SP211 Prevotella sp._HMT_317 (2.25%|1.35%|2.95%)
SP123 Prevotella sp._HMT_300 (0.87%|0%|0%)
SP82 Prevotella sp._HMT_292 (0.63%|0%|0%)
SP234 Prevotella micans (0.18%|0.49%|0.17%)
SP111 Prevotella koreensis (0.08%|0%|0%)
SP334 Prevotella sp._HMT_315 (0%|0%|0.13%)
SP389 Prevotella sp._HMT_443 (0%|0%|0.26%)
SP316 Prevotella baroniae (0.24%|0%|0%)
SP199 Prevotella oulorum (0.64%|0%|0.10%)
SP178 Prevotella maculosa (0.18%|0%|0.61%)
SP73 Prevotella oris (3.81%|0.50%|1.31%)
SP27 Prevotella nigrescens (3.53%|1.45%|1.19%)
SP135 Prevotella intermedia (0.43%|2.81%|1.33%)
SP414 Prevotella multiformis (0.45%|0%|0%)
SP94 Prevotella denticola (1.99%|0%|0%)
SP31 Prevotella fusca (0%|0%|0.64%)
SP8 Prevotella melaninogenica (0.54%|0.65%|0.31%)
SP180 Prevotella sp._HMT_314 (0.47%|0%|0.90%)
SP307 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_345 (0.02%
SP385 Gracilibacteria_(GN02)_[G-1] bacterium_HMT_872 (0%|0%|0.03%)
SP35 Saccharibacteria_(TM7)_[G-5] bacterium_HMT_356 (1.55%|0.26%|0.20%)
SP419 Saccharibacteria_(TM7)_[G-2] bacterium_HMT_350 (0.12%|0%|0%)
SP245 Saccharibacteria_(TM7)_[G-3] bacterium_HMT_351 (0.29%|0%|0.09%)
SP272 Saccharibacteria_(TM7)_[G-4] bacterium_HMT_355 (0.09%|0%|0.08%)
SP54 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_347 (0%|0%|0.59%)
SP72 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_349 (0.67%|0%|0.56%)
SP6 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_346 (1.01%|1.01%|0.28%)
SP270 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_869 (0%|0%|0.64%)
SP182 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_348 (0.19%|0%|0.25%)
SP426 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_352 (0%|0.07%|0%)
SP340 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_952 (0.36%|0%|0.42%)
SP13 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_488 (0.11%|0.38%|0%)
SP200 Campylobacter concisus (0.36%|0%|0.72%)
SP87 Campylobacter gracilis (1.69%|0%|2.79%)
SP314 Campylobacter sp._HMT_044 (0.07%|0%|0%)
SP168 Desulfobulbus sp._HMT_041 (0.52%|0%|0.66%)
SP145 Roseomonas hibiscosii (0%|1.45%|0%)
SP76 Sphingomonas oryzterrae (0%|0%|0.78%)
SP66 Sphingobium yanoikuyae (0%|1.94%|0.37%)
SP269 Lichenibacterium ramalinae (0%|0%|0.20%)
SP297 Methylobacterium hispanicum (0%|0.98%|0%)
SP360 Bosea thiooxidans (0.02%|0%|0%)
SP68 Massilia timonae (0%|1.57%|0%)
SP18 Lautropia mirabilis (0.01%|5.73%|0.51%)
SP144 Bordetella trematum (0%|0%|0.82%)
SP1 Lepotrichia sp._HMT_025 (0%|11.17%|0%)
SP5 Acidovorax temperans (0%|4.04%|1.35%)
SP319 Propionivibrio sp._Oral_Taxon_C33 (0%|0%|0.11%)
SP207 Kingella oralis (0.21%|0.49%|0.72%)
SP342 Neisseria subflava (0%|0.51%|0.25%)
SP300 Neisseria pharynqis (0.09%|0%|0%)
SP146 Neisseria elongata (0%|0%|0.53%)
SP347 Eikenella corrodens (0.24%|0.62%|0%)
SP417 Kingella denitrificans (0%|0%|0.22%)
SP299 Actinobacter sp._Oral_Taxon_C13 (0%|0%|0.08%)
SP7 Acinetobacter johnsonii (0.03%|0.84%|0.92%)
SP64 Acinetobacter sp._Oral_Taxon_A58 (0%|2.33%|0.06%)
SP329 Pseudomonas aeruginosa (0%|1.02%|0%)
SP9 Pseudomonas mendocina (0%|0.25%|0%)
SP202 Pseudomonas nitritoleranS (0%|0.33%|0%)
SP404 Cardiobacterium valvarum (0%|0%|0.01%)
SP21 Cardiobacterium hominis (0.05%|0.75%|0.93%)
SP252 Haemophilus parainfluenzae (0%|3.63%|0.25%)
SP418 Haemophilus influenzae (0%|0%|0.30%)
SP3 Aggregatibacter actinomycetemcomitans (0%|0%|0.33%)
SP255 Aggregatibacter paraphrophilus (0%|0%|0.46%)
SP304 Aggregatibacter sp._HMT_458 (0.05%|0%|0.07%)
SP256 Aggregatibacter sp._HMT_513 (0.08%|0.28%|0%)
SP137 Bifidobacterium dentium (0%|1.61%|0%)
SP261 Arachnia propionica (0%|0%|0.86%)
SP42 Nocardiodes dilatus (0%|0%|0.62%)
SP77 Corynebacterium durum (0%|0%|1.20%)
SP212 Corynebacterium matruchotii (1.03%|0.92%|3.05%)
SP344 Rothia dentocariosa (0%|1.83%|0.23%)
SP10 Peptidphaga sp._HMT_183 (1.11%|1.12%|0.68%)
SP52 Schaalia sp._HMT_877 (0%|0%|0.03%)
SP287 Schaalia meyeri (0%|2.04%|0%)
SP85 Actinomyces sp._HMT_170 (0%|6.36%|0%)
SP394 Actinomyces naeslundii (0%|0.31%|0%)
SP177 Actinomyces gerencseriae (0.25%|0%|1.05%)
SP69 Actinomyces massiliensis (0%|0%|0.47%)
SP172 Anaerolineae_[G-1] bacterium_HMT_439 (0.61%|0%|0.23%)
SP19 Pyramidobacter piscolens (1.20%|0%|0%)
SP75 Fretibacterium fastidiosum (3.14%|1.51%|1.20%)
SP236 Fretibacterium sp._HMT_358 (0.48%|0%|0.60%)
SP67 Fretibacterium sp._HMT_361 (0.53%|0%|0.21%)
SP170 Fretibacterium sp._HMT_359 (1.49%|1.81%|0.89%)
SP41 Fretibacterium sp._HMT_360 (3.18%|0%|3.97%)
SP237 Fretibacterium sp._HMT_362 (0%|0.32%|1.21%)
SP271 Treponema sp._HMT_234 (0.43%|0%|0%)
SP222 Treponema sp._HMT_238 (0.17%|0%|0.79%)
SP318 Treponema sp._HMT_235 (0%|0%|0.15%)
SP65 Treponema sp._HMT_237 (2.68%|0.64%|2.15%)
SP313 Treponema sp._HMT_231 (0.42%|0%|0.13%)
SP133 Treponema medium (0%|0%|0.24%)
SP63 Treponema denticola (2.65%|0.53%|2.70%)
SP209 Treponema sp._HMT_253 (0.48%|0%|0%)
SP198 Treponema sp._HMT_258 (0.06%|0%|0.12%)
SP218 Treponema maltophilum (0.45%|0%|0.33%)
SP216 Treponema lecithinolyticum (0.67%|0.28%|0.42%)
SP380 Treponema sp._HMT_270 (0.04%|0.18%|0.10%)
SP130 Treponema parvum (0.08%|0%|0.05%)
SP20 Treponema socranskii (3.93%|0.89%|3.02%)
SP169 Treponema sp._HMT_257 (0.51%|0%|0.22%)
SP52 Treponema amylovorum (0.30%|0%|0%)
SP315 Fusobacterium sp._HMT_370 (0%|0%|0.96%)
SP89 Fusobacterium hwasookii (0.12%|0%|1.04%)
SP15 Fusobacterium simiae (0%|0%|0.04%)
SP164 Fusobacterium nucleatum subsp._vincentii (0%|0.56%|0.86%)
SP230 Fusobacterium nucleatum subsp._animalis (0%|0%|0.74%)
SP128 Fusobacterium nucleatum ss_animalis (1.26%|0%|0.07%)
SP412 Fusobacteria_[G-1] sp._Oral_Taxon_A71 (0%|0%|0.12%)
SP241 Leptotrichia sp._HMT_498 (0.57%|0%|0%)
SP276 Leptotrichia sp._HMT_218 (0.18%|0%|0%)
SP351 Leptotrichia sp._HMT_212 (0%|0.47%|0.24%)
SP244 Leptotrichia sp._HMT_417 (0.37%|0%|0%)
SP416 Leptotrichia wadei (0.13%|0%|0%)
SP124 Leptotrichia shahii (0%|0%|0.21%)
SP231 Leptotrichia sp._Oral_Taxon_857 (0.71%|0%|0.46%)
SP410 Bulleidia extructa (0.09%|0%|0%)
SP327 Solobacterium moorei (0.05%|3.14%|0%)
SP402 Mollicutes_[G-2] bacterium_HMT_906 (0.05%|0%|0%)
SP171 Mycoplasma salivarium (0.04%|0%|0%)
SP233 Mycoplasma faucium (0.34%|0.17%|0.29%)
SP361 Staphylococcus hominis (0.03%|0%|0.43%)
SP243 Gemella sanguinis (0%|0.22%|0%)
SP253 Gemella morbillorum (0%|1.56%|0.28%)
SP62 Abiotrophia defectiva (0%|0.75%|0.05%)
SP328 Enterococcus cecorum (0%|2.10%|0%)
SP4 Streptococcus anginosus (0%|2.64%|0.20%)
SP343 Streptococcus intermedius (0%|0%|0.37%)
SP34 Streptococcus gordonii (0.15%|0%|0.10%)
SP91 Streptococcus sanguinis (0%|0.18%|0.22%)
SP415 Streptococcus lactarius (0.18%|0%|0%)
SP219 Ruminococcaceae_[G-1] bacterium_HMT_075 (0.07%|0%|0.02%)
SP286 Syntrophomonadaceae_[XII][G-1] bacterium_HMT_435 (0.13%|0%|0.3
SP264 Dialister invisus (0.59%|0.81%|0.53%)
SP201 Dialister pneumosintes (0.76%|0%|0%)
SP43 Veillonella parvula (1.96%|1.30%|1.53%)
SP242 Veillonella denticariosi (0%|0%|0.18%)
SP425 Megasphaera sp._HMT_123 (0%|0%|0.02%)
SP301 Anaeroglobus geminatus (1.32%|0%|0.05%)
SP348 Veillonellaceae_[G-1] bacterium_HMT_129 (0.21%|0%|0.89%)
SP279 Veillonellaceae_[G-1] sp._Oral_Taxon_G40 (0.41%|0%|0.76%)
SP53 Veillonellaceae_[G-1] bacterium_HMT_135 (0.15%|0%|0%)
SP298 Veillonellaceae_[G-1] bacterium_HMT_918 (0.08%|0%|0%)
SP321 Veillonellaceae_[G-1] bacterium_HMT_155 (0.80%|0%|0.20%)
SP240 Veillonellaceae_[G-1] bacterium_HMT_345 (0%|0%|0.10%)
SP411 Veillonellaceae_[G-1] bacterium_HMT_483 (0%|0%|0.15%)
SP176 Selenomonas sp._HMT_134 (0.84%|0%|0.25%)
SP86 Selenomonas sputigena (7.46%|0.10%|2.98%)
SP78 Selenomonas noxia (1.87%|0%|0.84%)
SP127 Selenomonas sp._HMT_137 (0.16%|0%|0%)
SP204 Selenomonas artemidis (0.14%|0.73%|0.92%)
SP46 Selenomonas dianae (0%|0%|0.99%)
SP337 Selenomonas sp._HMT_919 (0%|0%|0.44%)
SP203 Selenomonas sp._HMT_126 (0.74%|0%|0.47%)
SP132 Centipeda sp._Oral_Taxon_B01 (0.02%|0%|0.29%)
SP275 Centipeda periodontii (0.22%|0%|0.27%)
SP289 Selenomonas sp._HMT_146 (0.30%|0%|1.16%)
SP265 Selenomonas flueggei (0.34%|0%|0%)
SP400 Selenomonas sp._Oral_Taxon_H63 (0.15%|0%|0.27%)
SP93 Lachnospiraceae_[G-8] bacterium_HMT_500 (0.93%|0.37%|1.25%)
SP239 Butyrivibrio sp._HMT_080 (0%|0%|0.13%)
SP281 Catonella sp._HMT_451 (0%|0%|0.39%)
SP60 Catonella sp._Oral_Taxon_806 (0.08%|0%|0.27%)
SP11 Catonella morbi (0.21%|0%|0%)
SP381 Stomatobaculum sp._HMT_373 (0.08%|0%|0%)
SP227 Stomatobaculum longum (0.11%|0%|0%)
SP302 Lachnoanaerobaculum saburreum (0.17%|0%|0%)
SP285 Lachnospiraceae_[G-3] bacterium_HMT_100 (0%|0%|0.16%)
SP401 Johnsonella ignava (0%|0%|0.14%)
SP10 Johnsonella sp._HMT_166 (0%|0.58%|0.89%)
SP323 Peptococcus sp._HMT_167 (0.15%|0.07%|0.13%)
SP59 Clostridiales_[F-1][G-1] bacterium_HMT_093 (0.17%|0%|0.23%)
SP364 Pseudoramibacter alactolyticus (0.17%|0%|0.31%)
SP2 Peptoniphilaceae_[G-11] bacterium_HMT_113 (1.23%|0%|0.15%)
SP179 Parvimonas micra (0.38%|0%|0.22%)
SP215 Clostridiales_[G-]sp._Oral_Taxon_G74 (0.84%|0%|0.18%)
SP32 Filifactor alocis (1.24%|0.13%|1.18%)
SP165 Peptostreptococcus stomatis (0.02%|0%|1.02%)
SP183 Peptostreptococcaceae_[XI][G-9] [Eubacterium]_brachy (0.90%|0.14
SP14 Peptostreptococcaceae_[XI][G-4] bacterium_HMT_369 (0.53%|0.44
SP421 Peptostreptococcaceae_[XI][G-3] bacterium_HMT_495 (0.02%|0%
SP47 Peptostreptococcaceae_[XI][G-5] bacterium_HMT_493 (0%|0%|0.
SP25 Peptostreptococcaceae_[XI][G-5] [Eubacterium]_saphenum (0.62
SP320 Eubacterium_[XI][G] sp._Oral_Taxon_860 (0.03%|0%|0.07%)
SP388 Peptostreptococcaceae_[XI][G-2] bacterium_HMT_091 (0.05%|0
SP309 Peptostreptococcaceae_[XI][G-1] [Eubacterium]_infirmum (0.69
SP403 Peptostreptococcaceae_[XI][G-1] bacterium_HMT_383 (0.21%|
SP34 Peptostreptococcaceae_[XI][G-6] [Eubacterium]_nodatum
SP331 Peptostreptococcaceae_[XI][G-6] [Eubacterium]_minutum
Parkinson
Control
Periodontitis
substitutions/site
0.25
0.5
0.75
1