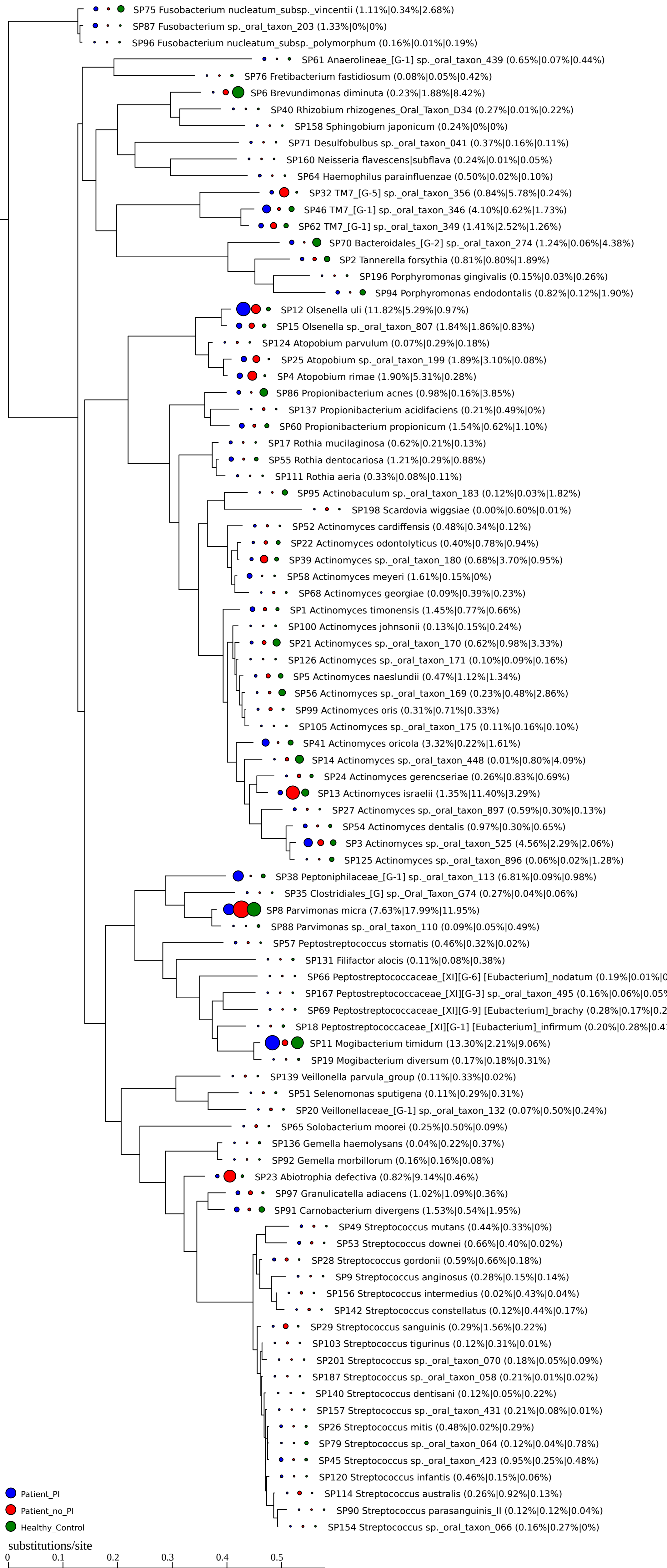
SP75 Fusobacterium nucleatum_subsp._vincentii (1.11%|0.34%|2.68%)
SP87 Fusobacterium sp._oral_taxon_203 (1.33%|0%|0%)
SP96 Fusobacterium nucleatum_subsp._polymorphum (0.16%|0.01%|0.19%)
SP61 Anaerolineae_[G-1] sp._oral_taxon_439 (0.65%|0.07%|0.44%)
SP76 Fretibacterium fastidiosum (0.08%|0.05%|0.42%)
SP6 Brevundimonas diminuta (0.23%|1.88%|8.42%)
SP40 Rhizobium rhizogenes_Oral_Taxon_D34 (0.27%|0.01%|0.22%)
SP158 Sphingobium japonicum (0.24%|0%|0%)
SP71 Desulfobulbus sp._oral_taxon_041 (0.37%|0.16%|0.11%)
SP160 Neisseria flavescens|subflava (0.24%|0.01%|0.05%)
SP64 Haemophilus parainfluenzae (0.50%|0.02%|0.10%)
SP32 TM7_[G-5] sp._oral_taxon_356 (0.84%|5.78%|0.24%)
SP46 TM7_[G-1] sp._oral_taxon_346 (4.10%|0.62%|1.73%)
SP62 TM7_[G-1] sp._oral_taxon_349 (1.41%|2.52%|1.26%)
SP70 Bacteroidales_[G-2] sp._oral_taxon_274 (1.24%|0.06%|4.38%)
SP2 Tannerella forsythia (0.81%|0.80%|1.89%)
SP196 Porphyromonas gingivalis (0.15%|0.03%|0.26%)
SP94 Porphyromonas endodontalis (0.82%|0.12%|1.90%)
SP12 Olsenella uli (11.82%|5.29%|0.97%)
SP15 Olsenella sp._oral_taxon_807 (1.84%|1.86%|0.83%)
SP124 Atopobium parvulum (0.07%|0.29%|0.18%)
SP25 Atopobium sp._oral_taxon_199 (1.89%|3.10%|0.08%)
SP4 Atopobium rimae (1.90%|5.31%|0.28%)
SP86 Propionibacterium acnes (0.98%|0.16%|3.85%)
SP137 Propionibacterium acidifaciens (0.21%|0.49%|0%)
SP60 Propionibacterium propionicum (1.54%|0.62%|1.10%)
SP17 Rothia mucilaginosa (0.62%|0.21%|0.13%)
SP55 Rothia dentocariosa (1.21%|0.29%|0.88%)
SP111 Rothia aeria (0.33%|0.08%|0.11%)
SP95 Actinobaculum sp._oral_taxon_183 (0.12%|0.03%|1.82%)
SP198 Scardovia wiggsiae (0.00%|0.60%|0.01%)
SP52 Actinomyces cardiffensis (0.48%|0.34%|0.12%)
SP22 Actinomyces odontolyticus (0.40%|0.78%|0.94%)
SP39 Actinomyces sp._oral_taxon_180 (0.68%|3.70%|0.95%)
SP58 Actinomyces meyeri (1.61%|0.15%|0%)
SP68 Actinomyces georgiae (0.09%|0.39%|0.23%)
SP1 Actinomyces timonensis (1.45%|0.77%|0.66%)
SP100 Actinomyces johnsonii (0.13%|0.15%|0.24%)
SP21 Actinomyces sp._oral_taxon_170 (0.62%|0.98%|3.33%)
SP126 Actinomyces sp._oral_taxon_171 (0.10%|0.09%|0.16%)
SP5 Actinomyces naeslundii (0.47%|1.12%|1.34%)
SP56 Actinomyces sp._oral_taxon_169 (0.23%|0.48%|2.86%)
SP99 Actinomyces oris (0.31%|0.71%|0.33%)
SP105 Actinomyces sp._oral_taxon_175 (0.11%|0.16%|0.10%)
SP41 Actinomyces oricola (3.32%|0.22%|1.61%)
SP14 Actinomyces sp._oral_taxon_448 (0.01%|0.80%|4.09%)
SP24 Actinomyces gerencseriae (0.26%|0.83%|0.69%)
SP13 Actinomyces israelii (1.35%|11.40%|3.29%)
SP27 Actinomyces sp._oral_taxon_897 (0.59%|0.30%|0.13%)
SP54 Actinomyces dentalis (0.97%|0.30%|0.65%)
SP3 Actinomyces sp._oral_taxon_525 (4.56%|2.29%|2.06%)
SP125 Actinomyces sp._oral_taxon_896 (0.06%|0.02%|1.28%)
SP38 Peptoniphilaceae_[G-1] sp._oral_taxon_113 (6.81%|0.09%|0.98%)
SP35 Clostridiales_[G] sp._Oral_Taxon_G74 (0.27%|0.04%|0.06%)
SP8 Parvimonas micra (7.63%|17.99%|11.95%)
SP88 Parvimonas sp._oral_taxon_110 (0.09%|0.05%|0.49%)
SP57 Peptostreptococcus stomatis (0.46%|0.32%|0.02%)
SP131 Filifactor alocis (0.11%|0.08%|0.38%)
SP66 Peptostreptococcaceae_[XI][G-6] [Eubacterium]_nodatum (0.19%|0.01%|0
SP167 Peptostreptococcaceae_[XI][G-3] sp._oral_taxon_495 (0.16%|0.06%|0.05%
SP69 Peptostreptococcaceae_[XI][G-9] [Eubacterium]_brachy (0.28%|0.17%|0.2
SP18 Peptostreptococcaceae_[XI][G-1] [Eubacterium]_infirmum (0.20%|0.28%|0.4
SP11 Mogibacterium timidum (13.30%|2.21%|9.06%)
SP19 Mogibacterium diversum (0.17%|0.18%|0.31%)
SP139 Veillonella parvula_group (0.11%|0.33%|0.02%)
SP51 Selenomonas sputigena (0.11%|0.29%|0.31%)
SP20 Veillonellaceae_[G-1] sp._oral_taxon_132 (0.07%|0.50%|0.24%)
SP65 Solobacterium moorei (0.25%|0.50%|0.09%)
SP136 Gemella haemolysans (0.04%|0.22%|0.37%)
SP92 Gemella morbillorum (0.16%|0.16%|0.08%)
SP23 Abiotrophia defectiva (0.82%|9.14%|0.46%)
SP97 Granulicatella adiacens (1.02%|1.09%|0.36%)
SP91 Carnobacterium divergens (1.53%|0.54%|1.95%)
SP49 Streptococcus mutans (0.44%|0.33%|0%)
SP53 Streptococcus downei (0.66%|0.40%|0.02%)
SP28 Streptococcus gordonii (0.59%|0.66%|0.18%)
SP9 Streptococcus anginosus (0.28%|0.15%|0.14%)
SP156 Streptococcus intermedius (0.02%|0.43%|0.04%)
SP142 Streptococcus constellatus (0.12%|0.44%|0.17%)
SP29 Streptococcus sanguinis (0.29%|1.56%|0.22%)
SP103 Streptococcus tigurinus (0.12%|0.31%|0.01%)
SP201 Streptococcus sp._oral_taxon_070 (0.18%|0.05%|0.09%)
SP187 Streptococcus sp._oral_taxon_058 (0.21%|0.01%|0.02%)
SP140 Streptococcus dentisani (0.12%|0.05%|0.22%)
SP157 Streptococcus sp._oral_taxon_431 (0.21%|0.08%|0.01%)
SP26 Streptococcus mitis (0.48%|0.02%|0.29%)
SP79 Streptococcus sp._oral_taxon_064 (0.12%|0.04%|0.78%)
SP45 Streptococcus sp._oral_taxon_423 (0.95%|0.25%|0.48%)
SP120 Streptococcus infantis (0.46%|0.15%|0.06%)
SP114 Streptococcus australis (0.26%|0.92%|0.13%)
SP90 Streptococcus parasanguinis_II (0.12%|0.12%|0.04%)
SP154 Streptococcus sp._oral_taxon_066 (0.16%|0.27%|0%)
Patient_PI
Patient_no_PI
Healthy_Control
substitutions/site
0
0.1
0.2
0.3
0.4
0.5