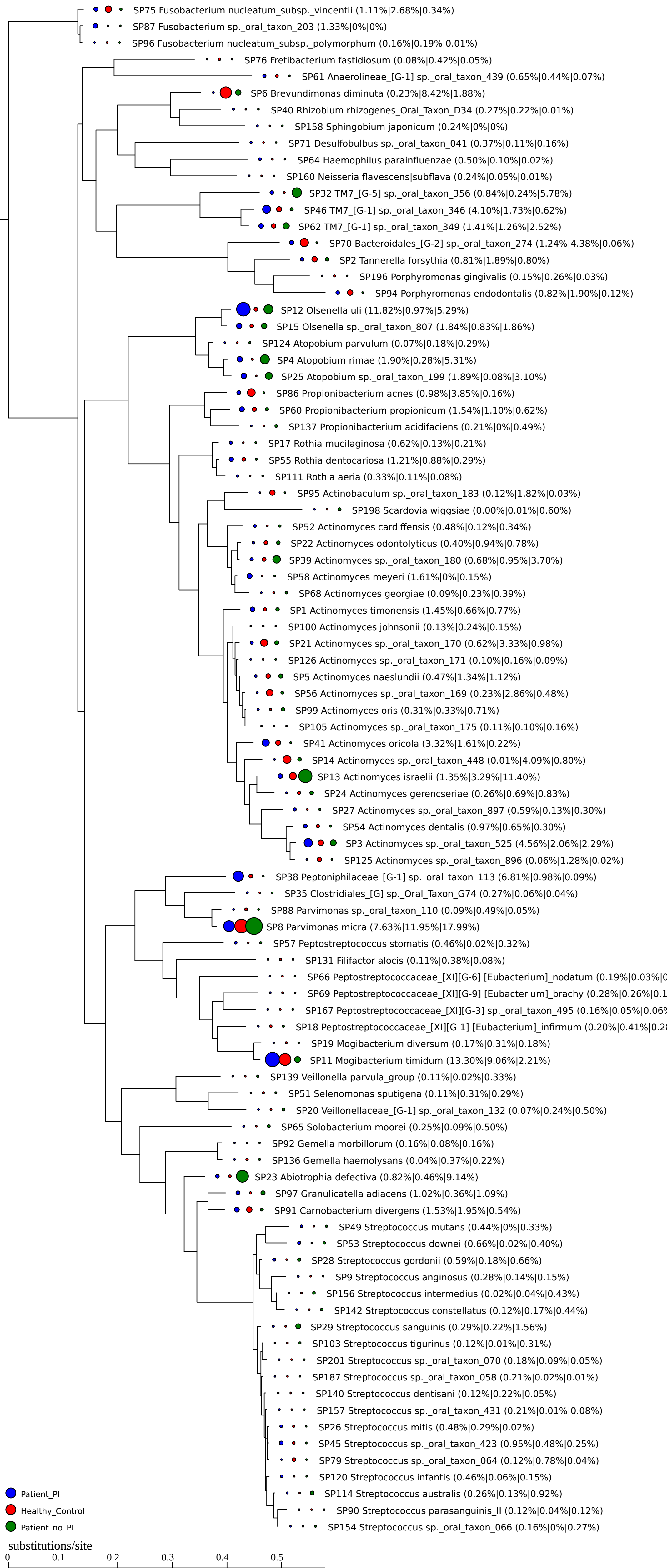
SP75 Fusobacterium nucleatum_subsp._vincentii (1.11%|2.68%|0.34%)
SP87 Fusobacterium sp._oral_taxon_203 (1.33%|0%|0%)
SP96 Fusobacterium nucleatum_subsp._polymorphum (0.16%|0.19%|0.01%)
SP76 Fretibacterium fastidiosum (0.08%|0.42%|0.05%)
SP61 Anaerolineae_[G-1] sp._oral_taxon_439 (0.65%|0.44%|0.07%)
SP6 Brevundimonas diminuta (0.23%|8.42%|1.88%)
SP40 Rhizobium rhizogenes_Oral_Taxon_D34 (0.27%|0.22%|0.01%)
SP158 Sphingobium japonicum (0.24%|0%|0%)
SP71 Desulfobulbus sp._oral_taxon_041 (0.37%|0.11%|0.16%)
SP64 Haemophilus parainfluenzae (0.50%|0.10%|0.02%)
SP160 Neisseria flavescens|subflava (0.24%|0.05%|0.01%)
SP32 TM7_[G-5] sp._oral_taxon_356 (0.84%|0.24%|5.78%)
SP46 TM7_[G-1] sp._oral_taxon_346 (4.10%|1.73%|0.62%)
SP62 TM7_[G-1] sp._oral_taxon_349 (1.41%|1.26%|2.52%)
SP70 Bacteroidales_[G-2] sp._oral_taxon_274 (1.24%|4.38%|0.06%)
SP2 Tannerella forsythia (0.81%|1.89%|0.80%)
SP196 Porphyromonas gingivalis (0.15%|0.26%|0.03%)
SP94 Porphyromonas endodontalis (0.82%|1.90%|0.12%)
SP12 Olsenella uli (11.82%|0.97%|5.29%)
SP15 Olsenella sp._oral_taxon_807 (1.84%|0.83%|1.86%)
SP124 Atopobium parvulum (0.07%|0.18%|0.29%)
SP4 Atopobium rimae (1.90%|0.28%|5.31%)
SP25 Atopobium sp._oral_taxon_199 (1.89%|0.08%|3.10%)
SP86 Propionibacterium acnes (0.98%|3.85%|0.16%)
SP60 Propionibacterium propionicum (1.54%|1.10%|0.62%)
SP137 Propionibacterium acidifaciens (0.21%|0%|0.49%)
SP17 Rothia mucilaginosa (0.62%|0.13%|0.21%)
SP55 Rothia dentocariosa (1.21%|0.88%|0.29%)
SP111 Rothia aeria (0.33%|0.11%|0.08%)
SP95 Actinobaculum sp._oral_taxon_183 (0.12%|1.82%|0.03%)
SP198 Scardovia wiggsiae (0.00%|0.01%|0.60%)
SP52 Actinomyces cardiffensis (0.48%|0.12%|0.34%)
SP22 Actinomyces odontolyticus (0.40%|0.94%|0.78%)
SP39 Actinomyces sp._oral_taxon_180 (0.68%|0.95%|3.70%)
SP58 Actinomyces meyeri (1.61%|0%|0.15%)
SP68 Actinomyces georgiae (0.09%|0.23%|0.39%)
SP1 Actinomyces timonensis (1.45%|0.66%|0.77%)
SP100 Actinomyces johnsonii (0.13%|0.24%|0.15%)
SP21 Actinomyces sp._oral_taxon_170 (0.62%|3.33%|0.98%)
SP126 Actinomyces sp._oral_taxon_171 (0.10%|0.16%|0.09%)
SP5 Actinomyces naeslundii (0.47%|1.34%|1.12%)
SP56 Actinomyces sp._oral_taxon_169 (0.23%|2.86%|0.48%)
SP99 Actinomyces oris (0.31%|0.33%|0.71%)
SP105 Actinomyces sp._oral_taxon_175 (0.11%|0.10%|0.16%)
SP41 Actinomyces oricola (3.32%|1.61%|0.22%)
SP14 Actinomyces sp._oral_taxon_448 (0.01%|4.09%|0.80%)
SP13 Actinomyces israelii (1.35%|3.29%|11.40%)
SP24 Actinomyces gerencseriae (0.26%|0.69%|0.83%)
SP27 Actinomyces sp._oral_taxon_897 (0.59%|0.13%|0.30%)
SP54 Actinomyces dentalis (0.97%|0.65%|0.30%)
SP3 Actinomyces sp._oral_taxon_525 (4.56%|2.06%|2.29%)
SP125 Actinomyces sp._oral_taxon_896 (0.06%|1.28%|0.02%)
SP38 Peptoniphilaceae_[G-1] sp._oral_taxon_113 (6.81%|0.98%|0.09%)
SP35 Clostridiales_[G] sp._Oral_Taxon_G74 (0.27%|0.06%|0.04%)
SP88 Parvimonas sp._oral_taxon_110 (0.09%|0.49%|0.05%)
SP8 Parvimonas micra (7.63%|11.95%|17.99%)
SP57 Peptostreptococcus stomatis (0.46%|0.02%|0.32%)
SP131 Filifactor alocis (0.11%|0.38%|0.08%)
SP66 Peptostreptococcaceae_[XI][G-6] [Eubacterium]_nodatum (0.19%|0.03%|0
SP69 Peptostreptococcaceae_[XI][G-9] [Eubacterium]_brachy (0.28%|0.26%|0.1
SP167 Peptostreptococcaceae_[XI][G-3] sp._oral_taxon_495 (0.16%|0.05%|0.06%
SP18 Peptostreptococcaceae_[XI][G-1] [Eubacterium]_infirmum (0.20%|0.41%|0.28
SP19 Mogibacterium diversum (0.17%|0.31%|0.18%)
SP11 Mogibacterium timidum (13.30%|9.06%|2.21%)
SP139 Veillonella parvula_group (0.11%|0.02%|0.33%)
SP51 Selenomonas sputigena (0.11%|0.31%|0.29%)
SP20 Veillonellaceae_[G-1] sp._oral_taxon_132 (0.07%|0.24%|0.50%)
SP65 Solobacterium moorei (0.25%|0.09%|0.50%)
SP92 Gemella morbillorum (0.16%|0.08%|0.16%)
SP136 Gemella haemolysans (0.04%|0.37%|0.22%)
SP23 Abiotrophia defectiva (0.82%|0.46%|9.14%)
SP97 Granulicatella adiacens (1.02%|0.36%|1.09%)
SP91 Carnobacterium divergens (1.53%|1.95%|0.54%)
SP49 Streptococcus mutans (0.44%|0%|0.33%)
SP53 Streptococcus downei (0.66%|0.02%|0.40%)
SP28 Streptococcus gordonii (0.59%|0.18%|0.66%)
SP9 Streptococcus anginosus (0.28%|0.14%|0.15%)
SP156 Streptococcus intermedius (0.02%|0.04%|0.43%)
SP142 Streptococcus constellatus (0.12%|0.17%|0.44%)
SP29 Streptococcus sanguinis (0.29%|0.22%|1.56%)
SP103 Streptococcus tigurinus (0.12%|0.01%|0.31%)
SP201 Streptococcus sp._oral_taxon_070 (0.18%|0.09%|0.05%)
SP187 Streptococcus sp._oral_taxon_058 (0.21%|0.02%|0.01%)
SP140 Streptococcus dentisani (0.12%|0.22%|0.05%)
SP157 Streptococcus sp._oral_taxon_431 (0.21%|0.01%|0.08%)
SP26 Streptococcus mitis (0.48%|0.29%|0.02%)
SP45 Streptococcus sp._oral_taxon_423 (0.95%|0.48%|0.25%)
SP79 Streptococcus sp._oral_taxon_064 (0.12%|0.78%|0.04%)
SP120 Streptococcus infantis (0.46%|0.06%|0.15%)
SP114 Streptococcus australis (0.26%|0.13%|0.92%)
SP90 Streptococcus parasanguinis_II (0.12%|0.04%|0.12%)
SP154 Streptococcus sp._oral_taxon_066 (0.16%|0%|0.27%)
Patient_PI
Healthy_Control
Patient_no_PI
substitutions/site
0
0.1
0.2
0.3
0.4
0.5