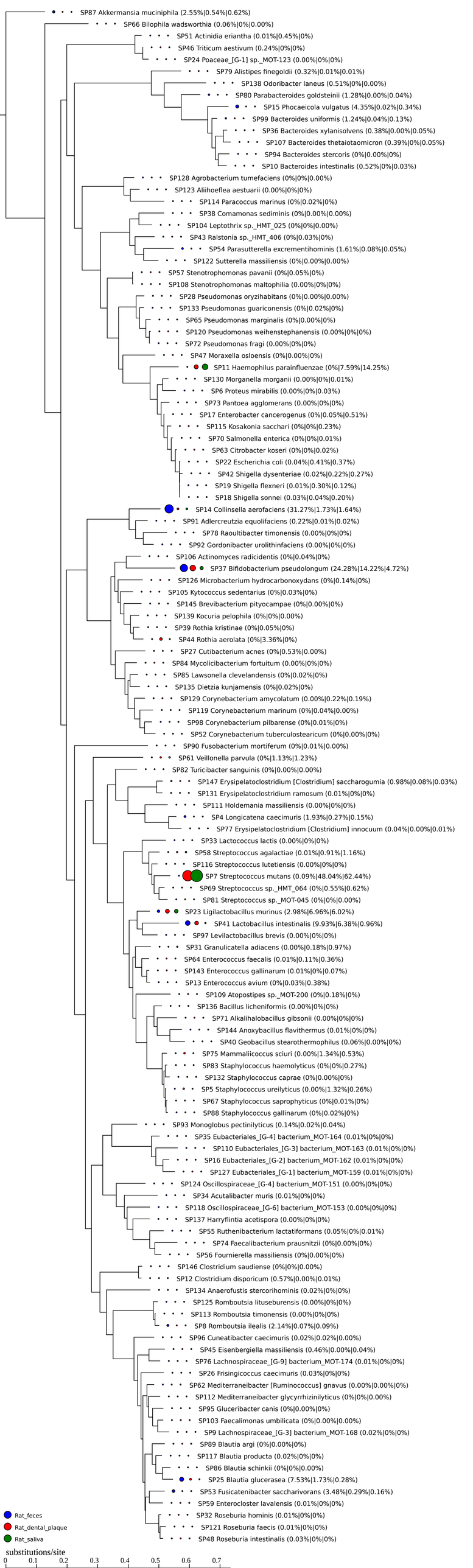
SP87 Akkermansia muciniphila (2.55%|0.54%|0.62%)
SP66 Bilophila wadsworthia (0.06%|0%|0.00%)
SP51 Actinidia eriantha (0.01%|0.45%|0%)
SP46 Triticum aestivum (0.24%|0%|0%)
SP24 Poaceae_[G-1] sp._MOT-123 (0.00%|0%|0%)
SP79 Alistipes finegoldii (0.32%|0.01%|0.01%)
SP138 Odoribacter laneus (0.51%|0%|0.00%)
SP80 Parabacteroides goldsteinii (1.28%|0.00%|0.04%)
SP15 Phocaeicola vulgatus (4.35%|0.02%|0.34%)
SP99 Bacteroides uniformis (1.24%|0.04%|0.13%)
SP36 Bacteroides xylanisolvens (0.38%|0.00%|0.05%)
SP107 Bacteroides thetaiotaomicron (0.39%|0%|0.05%)
SP94 Bacteroides stercoris (0%|0.00%|0%)
SP10 Bacteroides intestinalis (0.52%|0%|0.03%)
SP128 Agrobacterium tumefaciens (0%|0%|0.00%)
SP123 Aliihoeflea aestuarii (0.00%|0%|0%)
SP114 Paracoccus marinus (0%|0.02%|0%)
SP38 Comamonas sediminis (0%|0.00%|0.00%)
SP104 Leptothrix sp._HMT_025 (0%|0%|0.00%)
SP43 Ralstonia sp._HMT_406 (0%|0.03%|0%)
SP54 Parasutterella excrementihominis (1.61%|0.08%|0.05%)
SP122 Sutterella massiliensis (0%|0.00%|0.00%)
SP57 Stenotrophomonas pavanii (0%|0.05%|0%)
SP108 Stenotrophomonas maltophilia (0.00%|0%|0%)
SP28 Pseudomonas oryzihabitans (0%|0.00%|0.00%)
SP133 Pseudomonas guariconensis (0%|0.02%|0%)
SP65 Pseudomonas marginalis (0%|0.00%|0%)
SP120 Pseudomonas weihenstephanensis (0.00%|0%|0%)
SP72 Pseudomonas fragi (0.00%|0%|0%)
SP47 Moraxella osloensis (0%|0.00%|0%)
SP11 Haemophilus parainfluenzae (0%|7.59%|14.25%)
SP130 Morganella morganii (0.00%|0%|0.01%)
SP6 Proteus mirabilis (0.00%|0%|0.03%)
SP73 Pantoea agglomerans (0.00%|0%|0%)
SP17 Enterobacter cancerogenus (0%|0.05%|0.51%)
SP115 Kosakonia sacchari (0%|0%|0.23%)
SP70 Salmonella enterica (0%|0%|0.01%)
SP63 Citrobacter koseri (0%|0%|0.02%)
SP22 Escherichia coli (0.04%|0.41%|0.37%)
SP42 Shigella dysenteriae (0.02%|0.22%|0.27%)
SP19 Shigella flexneri (0.01%|0.30%|0.12%)
SP18 Shigella sonnei (0.03%|0.04%|0.20%)
SP14 Collinsella aerofaciens (31.27%|1.73%|1.64%)
SP91 Adlercreutzia equolifaciens (0.22%|0.01%|0.02%)
SP78 Raoultibacter timonensis (0.00%|0%|0%)
SP92 Gordonibacter urolithinfaciens (0.00%|0%|0%)
SP106 Actinomyces radicidentis (0%|0.04%|0%)
SP37 Bifidobacterium pseudolongum (24.28%|14.22%|4.72%)
SP126 Microbacterium hydrocarbonoxydans (0%|0.14%|0%)
SP105 Kytococcus sedentarius (0%|0.03%|0%)
SP145 Brevibacterium pityocampae (0%|0.00%|0%)
SP139 Kocuria pelophila (0%|0%|0.00%)
SP39 Rothia kristinae (0%|0.05%|0%)
SP44 Rothia aerolata (0%|3.36%|0%)
SP27 Cutibacterium acnes (0%|0.53%|0.00%)
SP84 Mycolicibacterium fortuitum (0.00%|0%|0%)
SP85 Lawsonella clevelandensis (0%|0.02%|0%)
SP135 Dietzia kunjamensis (0%|0.02%|0%)
SP129 Corynebacterium amycolatum (0.00%|0.22%|0.19%)
SP119 Corynebacterium marinum (0%|0.04%|0.00%)
SP98 Corynebacterium pilbarense (0%|0.01%|0%)
SP52 Corynebacterium tuberculostearicum (0%|0.00%|0%)
SP90 Fusobacterium mortiferum (0%|0.01%|0.00%)
SP61 Veillonella parvula (0%|1.13%|1.23%)
SP82 Turicibacter sanguinis (0%|0.00%|0.00%)
SP147 Erysipelatoclostridium [Clostridium] saccharogumia (0.98%|0.08%|0.03%)
SP131 Erysipelatoclostridium ramosum (0.01%|0%|0%)
SP111 Holdemania massiliensis (0.00%|0%|0%)
SP4 Longicatena caecimuris (1.93%|0.27%|0.15%)
SP77 Erysipelatoclostridium [Clostridium] innocuum (0.04%|0.00%|0.01%)
SP33 Lactococcus lactis (0.00%|0%|0%)
SP58 Streptococcus agalactiae (0.01%|0.91%|1.16%)
SP116 Streptococcus lutetiensis (0.00%|0%|0%)
SP7 Streptococcus mutans (0.09%|48.04%|62.44%)
SP69 Streptococcus sp._HMT_064 (0%|0.55%|0.62%)
SP81 Streptococcus sp._MOT-045 (0%|0%|0.00%)
SP23 Ligilactobacillus murinus (2.98%|6.96%|6.02%)
SP41 Lactobacillus intestinalis (9.93%|6.38%|0.96%)
SP97 Levilactobacillus brevis (0.00%|0%|0%)
SP31 Granulicatella adiacens (0.00%|0.18%|0.97%)
SP64 Enterococcus faecalis (0.01%|0.11%|0.36%)
SP143 Enterococcus gallinarum (0.01%|0%|0.07%)
SP13 Enterococcus avium (0%|0.03%|0.38%)
SP109 Atopostipes sp._MOT-200 (0%|0.18%|0%)
SP136 Bacillus licheniformis (0.00%|0%|0%)
SP71 Alkalihalobacillus gibsonii (0.00%|0%|0%)
SP144 Anoxybacillus flavithermus (0.01%|0%|0%)
SP40 Geobacillus stearothermophilus (0.06%|0.00%|0%)
SP75 Mammaliicoccus sciuri (0.00%|1.34%|0.53%)
SP83 Staphylococcus haemolyticus (0%|0%|0.27%)
SP132 Staphylococcus caprae (0%|0.00%|0%)
SP5 Staphylococcus ureilyticus (0.00%|1.32%|0.26%)
SP67 Staphylococcus saprophyticus (0%|0.01%|0%)
SP88 Staphylococcus gallinarum (0%|0.02%|0%)
SP93 Monoglobus pectinilyticus (0.14%|0.02%|0.04%)
SP35 Eubacteriales_[G-4] bacterium_MOT-164 (0.01%|0%|0%)
SP110 Eubacteriales_[G-3] bacterium_MOT-163 (0.01%|0%|0%)
SP16 Eubacteriales_[G-2] bacterium_MOT-162 (0.01%|0%|0%)
SP127 Eubacteriales_[G-1] bacterium_MOT-159 (0.01%|0%|0%)
SP124 Oscillospiraceae_[G-4] bacterium_MOT-151 (0.00%|0%|0%)
SP34 Acutalibacter muris (0.01%|0%|0%)
SP118 Oscillospiraceae_[G-6] bacterium_MOT-153 (0.00%|0%|0%)
SP137 Harryflintia acetispora (0.00%|0%|0%)
SP55 Ruthenibacterium lactatiformans (0.05%|0%|0.01%)
SP74 Faecalibacterium prausnitzii (0%|0.00%|0%)
SP56 Fournierella massiliensis (0%|0.00%|0%)
SP146 Clostridium saudiense (0%|0%|0.00%)
SP12 Clostridium disporicum (0.57%|0.00%|0.01%)
SP134 Anaerofustis stercorihominis (0.02%|0%|0%)
SP125 Romboutsia lituseburensis (0.00%|0%|0%)
SP113 Romboutsia timonensis (0.00%|0%|0%)
SP8 Romboutsia ilealis (2.14%|0.07%|0.09%)
SP96 Cuneatibacter caecimuris (0.02%|0.02%|0.00%)
SP45 Eisenbergiella massiliensis (0.46%|0.00%|0.04%)
SP76 Lachnospiraceae_[G-9] bacterium_MOT-174 (0.01%|0%|0%)
SP26 Frisingicoccus caecimuris (0.03%|0%|0%)
SP62 Mediterraneibacter [Ruminococcus] gnavus (0.00%|0.00%|0%)
SP112 Mediterraneibacter glycyrrhizinilyticus (0%|0%|0.00%)
SP95 Gluceribacter canis (0%|0.00%|0%)
SP103 Faecalimonas umbilicata (0%|0.00%|0.00%)
SP9 Lachnospiraceae_[G-3] bacterium_MOT-168 (0.02%|0%|0%)
SP89 Blautia argi (0%|0.00%|0%)
SP117 Blautia producta (0.02%|0%|0%)
SP86 Blautia schinkii (0%|0%|0.00%)
SP25 Blautia gluceraseа (7.53%|1.73%|0.28%)
SP53 Fusicatenibacter saccharivorans (3.48%|0.29%|0.16%)
SP59 Enterocloster lavalensis (0.01%|0%|0%)
SP32 Roseburia hominis (0.01%|0%|0%)
SP121 Roseburia faecis (0.01%|0%|0%)
SP48 Roseburia intestinalis (0.03%|0%|0%)
Rat_feces
Rat_dental_plaque
Rat_saliva
substitutions/site
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7