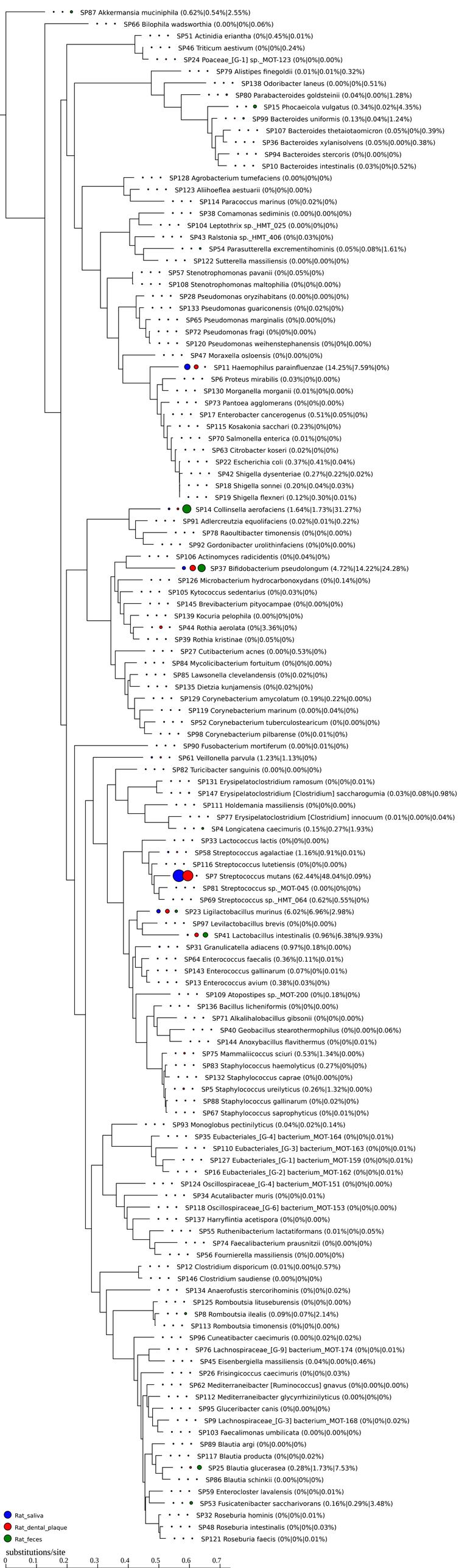
SP87 Akkermansia muciniphila (0.62%|0.54%|2.55%)
SP66 Bilophila wadsworthia (0.00%|0%|0.06%)
SP51 Actinidia eriantha (0%|0.45%|0.01%)
SP46 Triticum aestivum (0%|0%|0.24%)
SP24 Poaceae_[G-1] sp._MOT-123 (0%|0%|0.00%)
SP79 Alistipes finegoldii (0.01%|0.01%|0.32%)
SP138 Odoribacter laneus (0.00%|0%|0.51%)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