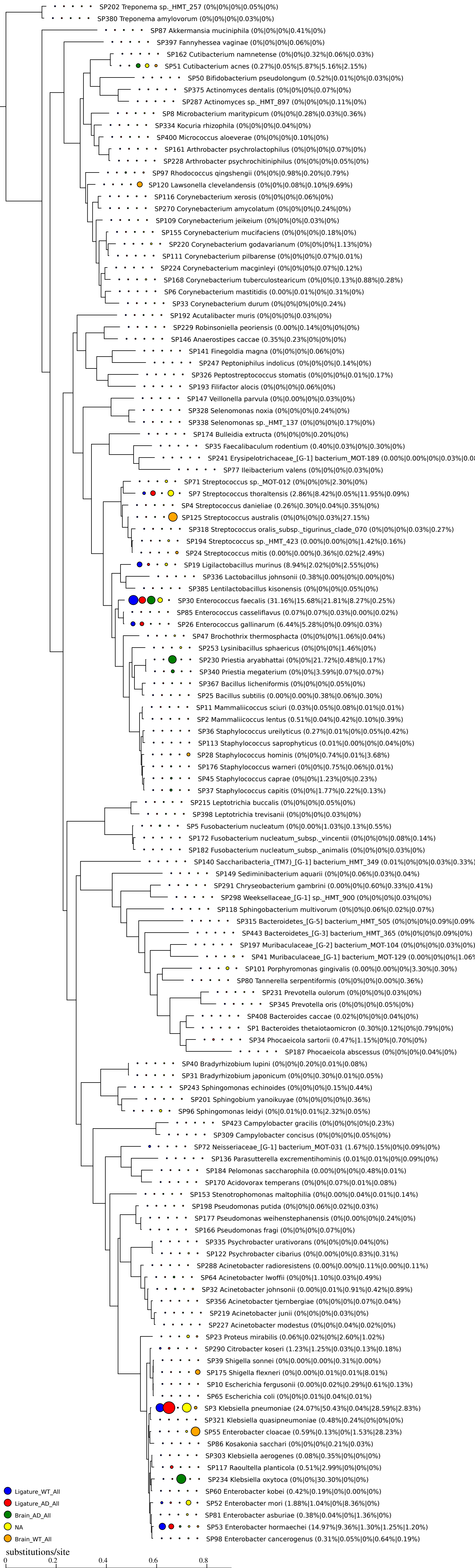
SP202 Treponema sp._HMT_257 (0%|0%|0%|0.05%|0%)
SP380 Treponema amylovorum (0%|0%|0%|0.03%|0%)
SP87 Akkermansia muciniphila (0%|0%|0%|0.41%|0%)
SP397 Fannyhessea vaginae (0%|0%|0%|0.06%|0%)
SP162 Cutibacterium namnetense (0%|0%|0.32%|0.06%|0.03%)
SP51 Cutibacterium acnes (0.27%|0.05%|5.87%|5.16%|2.15%)
SP50 Bifidobacterium pseudolongum (0.52%|0.01%|0%|0.03%|0%)
SP375 Actinomyces dentalis (0%|0%|0%|0.07%|0%)
SP287 Actinomyces sp._HMT_897 (0%|0%|0%|0.11%|0%)
SP8 Microbacterium maritypicum (0%|0%|0.28%|0.03%|0.36%)
SP334 Kocuria rhizophila (0%|0%|0%|0.04%|0%)
SP400 Micrococcus aloeverae (0%|0%|0%|0.10%|0%)
SP161 Arthrobacter psychrolactophilus (0%|0%|0%|0.07%|0%)
SP228 Arthrobacter psychrochitiniphilus (0%|0%|0%|0.05%|0%)
SP97 Rhodococcus qingshengii (0%|0%|0.98%|0.20%|0.79%)
SP120 Lawsonella clevelandensis (0%|0%|0.08%|0.10%|9.69%)
SP116 Corynebacterium xerosis (0%|0%|0%|0.06%|0%)
SP270 Corynebacterium amycolatum (0%|0%|0%|0.24%|0%)
SP109 Corynebacterium jeikeium (0%|0%|0%|0.03%|0%)
SP155 Corynebacterium mucifaciens (0%|0%|0%|0.18%|0%)
SP220 Corynebacterium godavarianum (0%|0%|0%|1.13%|0%)
SP111 Corynebacterium pilbarense (0%|0%|0%|0.07%|0.01%)
SP224 Corynebacterium macginleyi (0%|0%|0%|0.07%|0.12%)
SP168 Corynebacterium tuberculostearicum (0%|0%|0.13%|0.88%|0.28%)
SP6 Corynebacterium mastitidis (0.00%|0.01%|0%|0.31%|0%)
SP33 Corynebacterium durum (0%|0%|0%|0%|0.24%)
SP192 Acutalibacter muris (0%|0%|0%|0.03%|0%)
SP229 Robinsoniella peoriensis (0.00%|0.14%|0%|0%|0%)
SP146 Anaerostipes caccae (0.35%|0.23%|0%|0%|0%)
SP141 Finegoldia magna (0%|0%|0%|0.06%|0%)
SP247 Peptoniphilus indolicus (0%|0%|0%|0.14%|0%)
SP326 Peptostreptococcus stomatis (0%|0%|0%|0.01%|0.17%)
SP193 Filifactor alocis (0%|0%|0%|0.06%|0%)
SP147 Veillonella parvula (0%|0.00%|0%|0.03%|0%)
SP328 Selenomonas noxia (0%|0%|0%|0.24%|0%)
SP338 Selenomonas sp._HMT_137 (0%|0%|0%|0.17%|0%)
SP174 Bulleidia extructa (0%|0%|0%|0.20%|0%)
SP35 Faecalibaculum rodentium (0.40%|0.03%|0%|0.30%|0%)
SP241 Erysipelotrichaceae_[G-1] bacterium_MOT-189 (0.00%|0.00%|0%|0.03%|0.08
SP77 Ileibacterium valens (0%|0%|0%|0.03%|0%)
SP71 Streptococcus sp._MOT-012 (0%|0%|0%|2.30%|0%)
SP7 Streptococcus thoraltensis (2.86%|8.42%|0.05%|11.95%|0.09%)
SP4 Streptococcus danieliae (0.26%|0.30%|0.04%|0.35%|0%)
SP125 Streptococcus australis (0%|0%|0%|0.03%|27.15%)
SP318 Streptococcus oralis_subsp._tigurinus_clade_070 (0%|0%|0%|0.03%|0.27%)
SP194 Streptococcus sp._HMT_423 (0.00%|0.00%|0%|1.42%|0.16%)
SP24 Streptococcus mitis (0.00%|0.00%|0.36%|0.02%|2.49%)
SP19 Ligilactobacillus murinus (8.94%|2.02%|0%|2.55%|0%)
SP336 Lactobacillus johnsonii (0.38%|0.00%|0%|0.00%|0%)
SP385 Lentilactobacillus kisonensis (0%|0%|0%|0.05%|0%)
SP30 Enterococcus faecalis (31.16%|15.68%|21.81%|8.27%|0.25%)
SP85 Enterococcus casseliflavus (0.07%|0.07%|0.03%|0.00%|0.02%)
SP26 Enterococcus gallinarum (6.44%|5.28%|0%|0.09%|0.03%)
SP47 Brochothrix thermosphacta (0%|0%|0%|1.06%|0.04%)
SP253 Lysinibacillus sphaericus (0%|0%|0%|1.46%|0%)
SP230 Priestia aryabhattai (0%|0%|21.72%|0.48%|0.17%)
SP340 Priestia megaterium (0%|0%|3.59%|0.07%|0.07%)
SP367 Bacillus licheniformis (0%|0%|0%|0.05%|0%)
SP25 Bacillus subtilis (0.00%|0.00%|0.38%|0.06%|0.30%)
SP11 Mammaliicoccus sciuri (0.03%|0.05%|0.08%|0.01%|0.01%)
SP2 Mammaliicoccus lentus (0.51%|0.04%|0.42%|0.10%|0.39%)
SP36 Staphylococcus ureilyticus (0.27%|0.01%|0%|0.05%|0.42%)
SP113 Staphylococcus saprophyticus (0.01%|0.00%|0%|0.04%|0%)
SP28 Staphylococcus hominis (0%|0%|0.74%|0.01%|3.68%)
SP176 Staphylococcus warneri (0%|0%|0.75%|0.06%|0.01%)
SP45 Staphylococcus caprae (0%|0%|1.23%|0%|0.23%)
SP37 Staphylococcus capitis (0%|0%|1.77%|0.22%|0.13%)
SP215 Leptotrichia buccalis (0%|0%|0%|0.05%|0%)
SP398 Leptotrichia trevisanii (0%|0%|0%|0.03%|0%)
SP5 Fusobacterium nucleatum (0%|0.00%|1.03%|0.13%|0.55%)
SP172 Fusobacterium nucleatum_subsp._vincentii (0%|0%|0%|0.08%|0.14%)
SP182 Fusobacterium nucleatum_subsp._animalis (0%|0%|0%|0.03%|0%)
SP140 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_349 (0.01%|0%|0%|0.03%|0.33%)
SP149 Sediminibacterium aquarii (0%|0%|0.06%|0.03%|0.04%)
SP291 Chryseobacterium gambrini (0.00%|0%|0.60%|0.33%|0.41%)
SP298 Weeksellaceae_[G-1] sp._HMT_900 (0%|0%|0%|0.03%|0%)
SP118 Sphingobacterium multivorum (0%|0%|0.06%|0.02%|0.07%)
SP315 Bacteroidetes_[G-5] bacterium_HMT_505 (0%|0%|0%|0.09%|0.09%
SP443 Bacteroidetes_[G-3] bacterium_HMT_365 (0%|0%|0%|0.09%|0%)
SP197 Muribaculaceae_[G-2] bacterium_MOT-104 (0%|0%|0%|0.03%|0%)
SP41 Muribaculaceae_[G-1] bacterium_MOT-129 (0.00%|0%|0%|1.06%
SP101 Porphyromonas gingivalis (0.00%|0.00%|0%|3.30%|0.30%)
SP80 Tannerella serpentiformis (0%|0%|0%|0.00%|0.36%)
SP231 Prevotella oulorum (0%|0%|0%|0.03%|0%)
SP345 Prevotella oris (0%|0%|0%|0.05%|0%)
SP408 Bacteroides caccae (0.02%|0%|0%|0.04%|0%)
SP1 Bacteroides thetaiotaomicron (0.30%|0.12%|0%|0.79%|0%)
SP34 Phocaeicola sartorii (0.47%|1.15%|0%|0.70%|0%)
SP187 Phocaeicola abscessus (0%|0%|0%|0.04%|0%)
SP40 Bradyrhizobium lupini (0%|0%|0.20%|0.01%|0.08%)
SP31 Bradyrhizobium japonicum (0%|0%|0.30%|0.01%|0.05%)
SP243 Sphingomonas echinoides (0%|0%|0%|0.15%|0.44%)
SP201 Sphingobium yanoikuyae (0%|0%|0%|0%|0.36%)
SP96 Sphingomonas leidyi (0%|0.01%|0.01%|2.32%|0.05%)
SP423 Campylobacter gracilis (0%|0%|0%|0%|0.23%)
SP309 Campylobacter concisus (0%|0%|0%|0.05%|0%)
SP72 Neisseriaceae_[G-1] bacterium_MOT-031 (1.67%|0.15%|0%|0.09%|0%)
SP136 Parasutterella excrementihominis (0.01%|0.01%|0%|0.09%|0%)
SP184 Pelomonas saccharophila (0.00%|0%|0%|0.48%|0.01%)
SP170 Acidovorax temperans (0%|0%|0.07%|0.01%|0.08%)
SP153 Stenotrophomonas maltophilia (0%|0.00%|0.04%|0.01%|0.14%)
SP198 Pseudomonas putida (0%|0%|0.06%|0.02%|0.03%)
SP177 Pseudomonas weihenstephanensis (0%|0.00%|0%|0.24%|0%)
SP166 Pseudomonas fragi (0%|0%|0%|0.07%|0%)
SP335 Psychrobacter urativorans (0%|0%|0%|0.04%|0%)
SP122 Psychrobacter cibarius (0%|0.00%|0%|0.83%|0.31%)
SP288 Acinetobacter radioresistens (0.00%|0.00%|0.11%|0.00%|0.11%)
SP64 Acinetobacter lwoffii (0%|0%|1.10%|0.03%|0.49%)
SP32 Acinetobacter johnsonii (0.00%|0.01%|0.91%|0.42%|0.89%)
SP356 Acinetobacter tjernbergiae (0%|0%|0%|0.07%|0.04%)
SP219 Acinetobacter junii (0%|0%|0%|0.03%|0%)
SP227 Acinetobacter modestus (0%|0%|0.04%|0.02%|0%)
SP23 Proteus mirabilis (0.06%|0.02%|0%|2.60%|1.02%)
SP290 Citrobacter koseri (1.23%|1.25%|0.03%|0.13%|0.18%)
SP39 Shigella sonnei (0%|0.00%|0.00%|0.31%|0.00%)
SP175 Shigella flexneri (0%|0.00%|0.01%|0.01%|8.01%)
SP10 Escherichia fergusonii (0.00%|0.02%|0.29%|0.61%|0.13%)
SP65 Escherichia coli (0%|0%|0.01%|0.04%|0.01%)
SP3 Klebsiella pneumoniae (24.07%|50.43%|0.04%|28.59%|2.83%)
SP321 Klebsiella quasipneumoniae (0.48%|0.24%|0%|0%|0%)
SP55 Enterobacter cloacae (0.59%|0.13%|0%|1.53%|28.23%)
SP86 Kosakonia sacchari (0%|0%|0%|0.21%|0.03%)
SP303 Klebsiella aerogenes (0.08%|0.35%|0%|0%|0%)
SP117 Raoultella planticola (0.51%|2.99%|0%|0%|0%)
SP234 Klebsiella oxytoca (0%|0%|30.30%|0%|0%)
SP60 Enterobacter kobei (0.42%|0.19%|0%|0.00%|0%)
SP52 Enterobacter mori (1.88%|1.04%|0%|8.36%|0%)
SP81 Enterobacter asburiae (0.38%|0.04%|0%|1.36%|0%)
SP53 Enterobacter hormaechei (14.97%|9.36%|1.30%|1.25%|1.20%)
SP98 Enterobacter cancerogenus (0.31%|0.05%|0%|0.64%|0.19%)
Ligature_WT_All
Ligature_AD_All
Brain_AD_All
NA
Brain_WT_All
substitutions/site
0
0.2
0.4
0.6
0.8