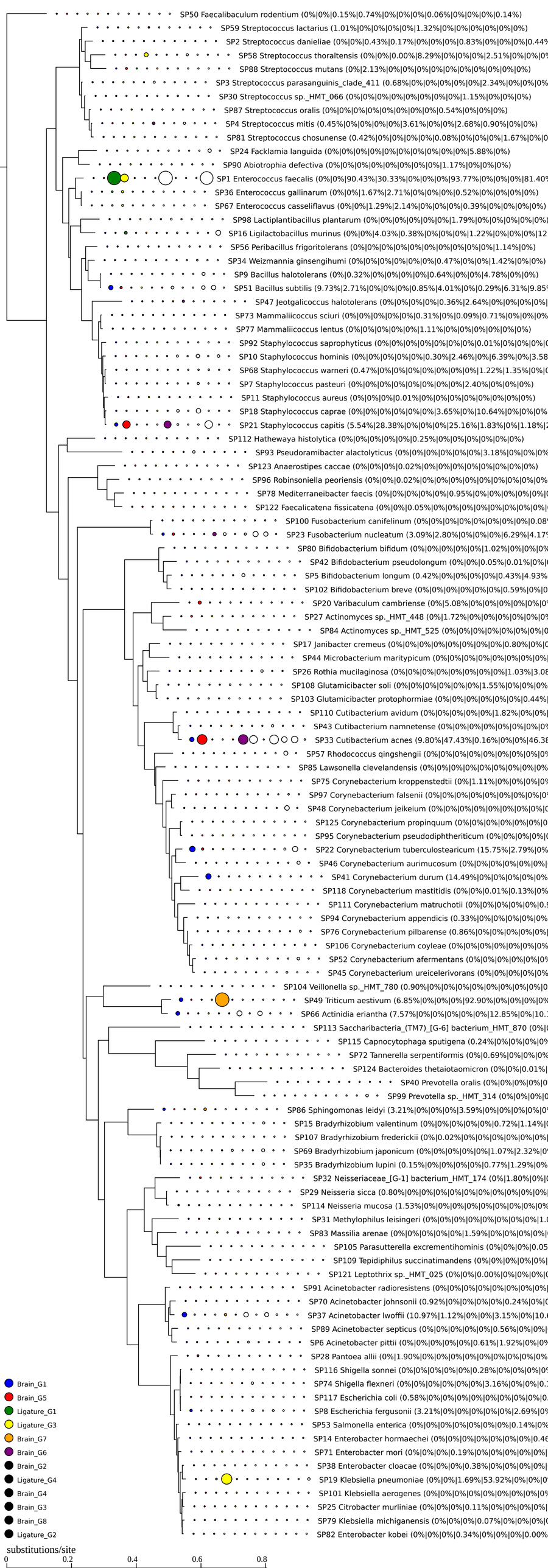
SP50 Faecalibaculum rodentium (0%|0%|0.15%|0.74%|0%|0%|0%|0.06%|0%|0%|0%|0.14%)
SP59 Streptococcus lactarius (1.01%|0%|0%|0%|0%|1.32%|0%|0%|0%|0%|0%|0%)
SP2 Streptococcus danieliae (0%|0%|0.43%|0.17%|0%|0%|0%|0.83%|0%|0%|0%|0.44%
SP58 Streptococcus thoraltensis (0%|0%|0.00%|8.29%|0%|0%|0%|2.51%|0%|0%|0%
SP88 Streptococcus mutans (0%|2.13%|0%|0%|0%|0%|0%|0%|0%|0%|0%|0%)
SP3 Streptococcus parasanguinis_clade_411 (0.68%|0%|0%|0%|0%|0%|2.34%|0%|0%|0%
SP30 Streptococcus sp._HMT_066 (0%|0%|0%|0%|0%|0%|0%|1.15%|0%|0%|0%)
SP87 Streptococcus oralis (0%|0%|0%|0%|0%|0%|0%|0.54%|0%|0%|0%)
SP4 Streptococcus mitis (0.45%|0%|0%|0%|0%|3.61%|0%|0%|2.68%|0.90%|0%|0%)
SP81 Streptococcus chosunense (0.42%|0%|0%|0%|0%|0.08%|0%|0%|0%|1.67%|0%|0
SP24 Facklamia languida (0%|0%|0%|0%|0%|0%|0%|0%|0%|0%|5.88%|0%)
SP90 Abiotrophia defectiva (0%|0%|0%|0%|0%|0%|0%|0%|1.17%|0%|0%|0%)
SP1 Enterococcus faecalis (0%|0%|90.43%|30.33%|0%|0%|0%|93.77%|0%|0%|0%|81.40%
SP36 Enterococcus gallinarum (0%|0%|1.67%|2.71%|0%|0%|0%|0.52%|0%|0%|0%|0%)
SP67 Enterococcus casseliflavus (0%|0%|1.29%|2.14%|0%|0%|0%|0.39%|0%|0%|0%|0%)
SP98 Lactiplantibacillus plantarum (0%|0%|0%|0%|0%|0%|1.79%|0%|0%|0%|0%|0%)
SP16 Ligilactobacillus murinus (0%|0%|4.03%|0.38%|0%|0%|0%|1.22%|0%|0%|0%|12
SP56 Peribacillus frigoritolerans (0%|0%|0%|0%|0%|0%|0%|0%|0%|0%|1.14%|0%)
SP34 Weizmannia ginsengihumi (0%|0%|0%|0%|0%|0%|0.47%|0%|0%|1.42%|0%|0%)
SP9 Bacillus halotolerans (0%|0.32%|0%|0%|0%|0%|0.64%|0%|0%|4.78%|0%|0%)
SP51 Bacillus subtilis (9.73%|2.71%|0%|0%|0%|0.85%|4.01%|0%|0.29%|6.31%|9.85%
SP47 Jeotgalicoccus halotolerans (0%|0%|0%|0%|0.36%|2.64%|0%|0%|0%|0%|
SP73 Mammaliicoccus sciuri (0%|0%|0%|0%|0%|0.31%|0%|0.09%|0.71%|0%|0%|0%
SP77 Mammaliicoccus lentus (0%|0%|0%|0%|0%|1.11%|0%|0%|0%|0%|0%|0%)
SP92 Staphylococcus saprophyticus (0%|0%|0%|0%|0%|0%|0%|0%|0.01%|0%|0%|0%|0
SP10 Staphylococcus hominis (0%|0%|0%|0%|0%|0.30%|2.46%|0%|6.39%|0%|3.58
SP68 Staphylococcus warneri (0.47%|0%|0%|0%|0%|0%|0%|0%|1.22%|1.35%|0%|0
SP7 Staphylococcus pasteuri (0%|0%|0%|0%|0%|0%|0%|0%|2.40%|0%|0%|0%)
SP11 Staphylococcus aureus (0%|0%|0%|0.01%|0%|0%|0%|0%|0%|0%|0%|0%)
SP18 Staphylococcus caprae (0%|0%|0%|0%|0%|0%|3.65%|0%|10.64%|0%|0%|0%
SP21 Staphylococcus capitis (5.54%|28.38%|0%|0%|0%|25.16%|1.83%|0%|1.18%|2
SP112 Hathewaya histolytica (0%|0%|0%|0%|0%|0.25%|0%|0%|0%|0%|0%|0%)
SP93 Pseudoramibacter alactolyticus (0%|0%|0%|0%|0%|0%|3.18%|0%|0%|0%
SP123 Anaerostipes caccae (0%|0%|0%|0.02%|0%|0%|0%|0%|0%|0%|0%|0%)
SP96 Robinsoniella peoriensis (0%|0%|0.02%|0%|0%|0%|0%|0%|0%|0%|0%|0%
SP78 Mediterraneibacter faecis (0%|0%|0%|0%|0%|0.95%|0%|0%|0%|0%|0%|0
SP122 Faecalicatena fissicatena (0%|0%|0.05%|0%|0%|0%|0%|0%|0%|0%|0%|
SP100 Fusobacterium canifelinum (0%|0%|0%|0%|0%|0%|0%|0%|0.08
SP23 Fusobacterium nucleatum (3.09%|2.80%|0%|0%|0%|6.29%|4.17
SP80 Bifidobacterium bifidum (0%|0%|0%|0%|0%|1.02%|0%|0%|0%
SP42 Bifidobacterium pseudolongum (0%|0%|0.05%|0.01%|0%|
SP5 Bifidobacterium longum (0.42%|0%|0%|0%|0%|0.43%|4.93%
SP102 Bifidobacterium breve (0%|0%|0%|0%|0%|0%|0.59%|0%|0
SP20 Varibaculum cambriense (0%|5.08%|0%|0%|0%|0%|0%|0
SP27 Actinomyces sp._HMT_448 (0%|1.72%|0%|0%|0%|0%|0%|0
SP84 Actinomyces sp._HMT_525 (0%|0%|0%|0%|0%|0%|0%|0
SP17 Janibacter cremeus (0%|0%|0%|0%|0%|0%|0%|0%|0.80%|0%|0
SP44 Microbacterium maritypicum (0%|0%|0%|0%|0%|0%|0%|0%|
SP26 Rothia mucilaginosa (0%|0%|0%|0%|0%|0%|0%|0%|1.03%|3.08
SP108 Glutamicibacter soli (0%|0%|0%|0%|0%|0%|1.55%|0%|0%|0%
SP103 Glutamicibacter protophormiae (0%|0%|0%|0%|0%|0%|0.44%|
SP110 Cutibacterium avidum (0%|0%|0%|0%|0%|1.82%|0%|0%|
SP43 Cutibacterium namnetense (0%|0%|0%|0%|0%|0%|0%|0%
SP33 Cutibacterium acnes (9.80%|47.43%|0.16%|0%|0%|46.38
SP57 Rhodococcus qingshengii (0%|0%|0%|0%|0%|0%|0%|0%
SP85 Lawsonella clevelandensis (0%|0%|0%|0%|0%|0%|0%|0%
SP75 Corynebacterium kroppenstedtii (0%|1.11%|0%|0%|0%|0%
SP97 Corynebacterium falsenii (0%|0%|0%|0%|0%|0%|0%|0%
SP48 Corynebacterium jeikeium (0%|0%|0%|0%|0%|0%|0%|0%
SP125 Corynebacterium propinquum (0%|0%|0%|0%|0%|0%|0
SP95 Corynebacterium pseudodiphtheriticum (0%|0%|0%|0%|0
SP22 Corynebacterium tuberculostearicum (15.75%|2.79%|0%
SP46 Corynebacterium aurimucosum (0%|0%|0%|0%|0%|0%|
SP41 Corynebacterium durum (14.49%|0%|0%|0%|0%|0%
SP118 Corynebacterium mastitidis (0%|0%|0.01%|0.13%|0%
SP111 Corynebacterium matruchotii (0%|0%|0%|0%|0.9
SP94 Corynebacterium appendicis (0.33%|0%|0%|0%|0%|0%
SP76 Corynebacterium pilbarense (0.86%|0%|0%|0%|0%|0%|
SP106 Corynebacterium coyleae (0%|0%|0%|0%|0%|0%|0%
SP52 Corynebacterium afermentans (0%|0%|0%|0%|0%|0%
SP45 Corynebacterium ureicelerivorans (0%|0%|0%|0%|0%
SP104 Veillonella sp._HMT_780 (0.90%|0%|0%|0%|0%|0%|0%|0%|0%|0
SP49 Triticum aestivum (6.85%|0%|0%|0%|92.90%|0%|0%|0%|0%
SP66 Actinidia eriantha (7.57%|0%|0%|0%|0%|0%|12.85%|0%|10.
SP113 Saccharibacteria_(TM7)_[G-6] bacterium_HMT_870 (0%|
SP115 Capnocytophaga sputigena (0.24%|0%|0%|0%|0%
SP72 Tannerella serpentiformis (0%|0.69%|0%|0%|0%
SP124 Bacteroides thetaiotaomicron (0%|0%|0.01%|
SP40 Prevotella oralis (0%|0%|0%|0%|0
SP99 Prevotella sp._HMT_314 (0%|0%|0%|0
SP86 Sphingomonas leidyi (3.21%|0%|0%|0%|3.59%|0%|0%|0%|0%|0
SP15 Bradyrhizobium valentinum (0%|0%|0%|0%|0%|0.72%|1.14%|
SP107 Bradyrhizobium frederickii (0%|0.02%|0%|0%|0%|0%|0%|0%|
SP69 Bradyrhizobium japonicum (0%|0%|0%|0%|0%|1.07%|2.32%|0
SP35 Bradyrhizobium lupini (0.15%|0%|0%|0%|0%|0.77%|1.29%|0%
SP32 Neisseriaceae_[G-1] bacterium_HMT_174 (0%|1.80%|0%|
SP29 Neisseria sicca (0.80%|0%|0%|0%|0%|0%|0%|0%|0%|0%|0%|
SP114 Neisseria mucosa (1.53%|0%|0%|0%|0%|0%|0%|0%|0%|0%
SP31 Methylophilus leisingeri (0%|0%|0%|0%|0%|0%|0%|0%|1.0
SP83 Massilia arenae (0%|0%|0%|0%|0%|1.59%|0%|0%|0%|0%|
SP105 Parasutterella excrementihominis (0%|0%|0%|0.05
SP109 Tepidiphilus succinatimandens (0%|0%|0%|0%|0%|
SP121 Leptothrix sp._HMT_025 (0%|0%|0.00%|0%|0%|0%|
SP91 Acinetobacter radioresistens (0%|0%|0%|0%|0%|0%|0%|0%|
SP70 Acinetobacter johnsonii (0.92%|0%|0%|0%|0%|0.24%|0%|
SP37 Acinetobacter lwoffii (10.97%|1.12%|0%|0%|3.15%|0%|10.
SP89 Acinetobacter septicus (0%|0%|0%|0%|0%|0.56%|0%|0%|
SP6 Acinetobacter pittii (0%|0%|0%|0%|0%|0.61%|1.92%|0%|0%
SP28 Pantoea allii (0%|1.90%|0%|0%|0%|0%|0%|0%|0%|0%|0%
SP116 Shigella sonnei (0%|0%|0%|0%|0%|0.28%|0%|0%|0%|0
SP74 Shigella flexneri (0%|0%|0%|0%|0%|3.16%|0%|0%|0.
SP117 Escherichia coli (0.58%|0%|0%|0%|0%|0%|0%|0%|0.
SP8 Escherichia fergusonii (3.21%|0%|0%|0%|0%|0%|2.69%|0
SP53 Salmonella enterica (0%|0%|0%|0%|0%|0%|0%|0.14%|0%
SP14 Enterobacter hormaechei (0%|0%|0%|0%|0%|0%|0%|0.46
SP71 Enterobacter mori (0%|0%|0%|0.19%|0%|0%|0%|0%|0%|
SP38 Enterobacter cloacae (0%|0%|0%|0.38%|0%|0%|0%|0%|
SP19 Klebsiella pneumoniae (0%|0%|1.69%|53.92%|0%|0%|0
SP101 Klebsiella aerogenes (0%|0%|0%|0%|0%|0%|0%|0%|0
SP25 Citrobacter murliniae (0%|0%|0%|0.11%|0%|0%|0%|0%|
SP79 Klebsiella michiganensis (0%|0%|0%|0.07%|0%|0%|0%|0
SP82 Enterobacter kobei (0%|0%|0%|0.34%|0%|0%|0%|0.00%
Brain_G1
Brain_G5
Ligature_G1
Ligature_G3
Brain_G7
Brain_G6
Brain_G2
Ligature_G4
Brain_G4
Brain_G3
Brain_G8
Ligature_G2
substitutions/site
0
0.2
0.4
0.6
0.8