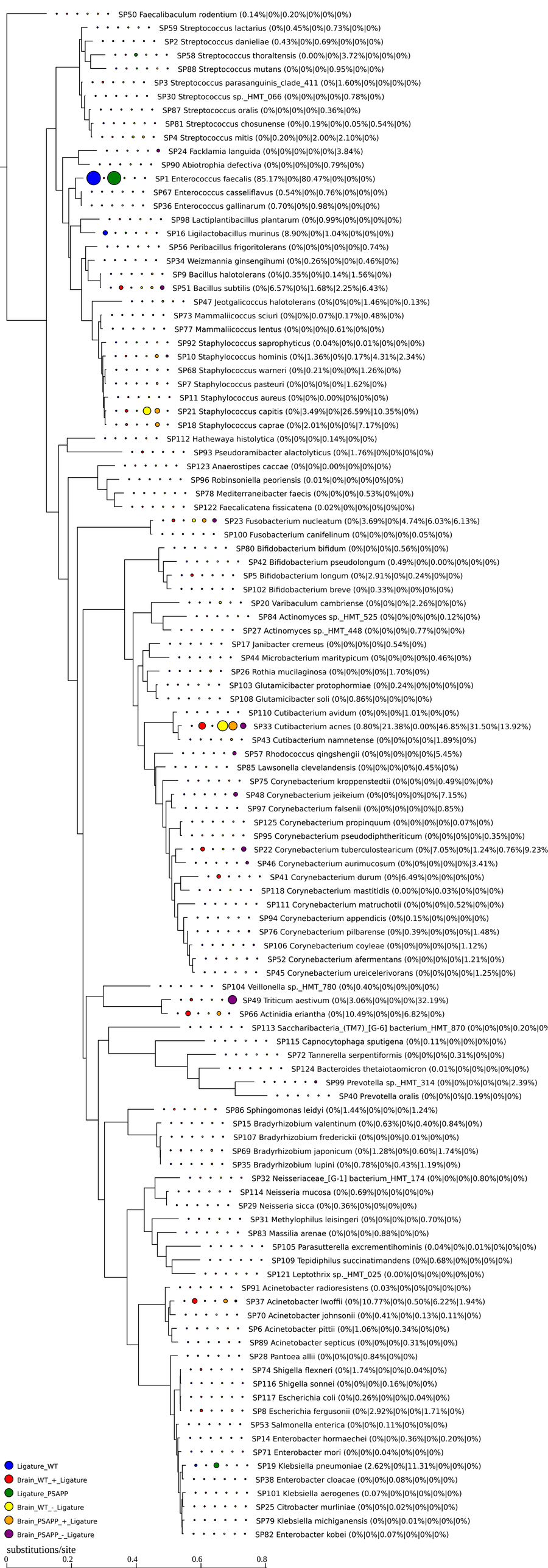
SP50 Faecalibaculum rodentium (0.14%|0%|0.20%|0%|0%|0%)
SP59 Streptococcus lactarius (0%|0.45%|0%|0.73%|0%|0%)
SP2 Streptococcus danieliae (0.43%|0%|0.69%|0%|0%|0%)
SP58 Streptococcus thoraltensis (0.00%|0%|3.72%|0%|0%|0%)
SP88 Streptococcus mutans (0%|0%|0%|0.95%|0%|0%)
SP3 Streptococcus parasanguinis_clade_411 (0%|1.60%|0%|0%|0%|0%)
SP30 Streptococcus sp._HMT_066 (0%|0%|0%|0%|0.78%|0%)
SP87 Streptococcus oralis (0%|0%|0%|0%|0.36%|0%)
SP81 Streptococcus chosunense (0%|0.19%|0%|0.05%|0.54%|0%)
SP4 Streptococcus mitis (0%|0.20%|0%|2.00%|2.10%|0%)
SP24 Facklamia languida (0%|0%|0%|0%|0%|3.84%)
SP90 Abiotrophia defectiva (0%|0%|0%|0%|0.79%|0%)
SP1 Enterococcus faecalis (85.17%|0%|80.47%|0%|0%|0%)
SP67 Enterococcus casseliflavus (0.54%|0%|0.76%|0%|0%|0%)
SP36 Enterococcus gallinarum (0.70%|0%|0.98%|0%|0%|0%)
SP98 Lactiplantibacillus plantarum (0%|0.99%|0%|0%|0%|0%)
SP16 Ligilactobacillus murinus (8.90%|0%|1.04%|0%|0%|0%)
SP56 Peribacillus frigoritolerans (0%|0%|0%|0%|0%|0.74%)
SP34 Weizmannia ginsengihumi (0%|0.26%|0%|0%|0.46%|0%)
SP9 Bacillus halotolerans (0%|0.35%|0%|0.14%|1.56%|0%)
SP51 Bacillus subtilis (0%|6.57%|0%|1.68%|2.25%|6.43%)
SP47 Jeotgalicoccus halotolerans (0%|0%|0%|1.46%|0%|0.13%)
SP73 Mammaliicoccus sciuri (0%|0%|0.07%|0.17%|0.48%|0%)
SP77 Mammaliicoccus lentus (0%|0%|0%|0.61%|0%|0%)
SP92 Staphylococcus saprophyticus (0.04%|0%|0.01%|0%|0%|0%)
SP10 Staphylococcus hominis (0%|1.36%|0%|0.17%|4.31%|2.34%)
SP68 Staphylococcus warneri (0%|0.21%|0%|0%|1.26%|0%)
SP7 Staphylococcus pasteuri (0%|0%|0%|0%|1.62%|0%)
SP11 Staphylococcus aureus (0%|0%|0.00%|0%|0%|0%)
SP21 Staphylococcus capitis (0%|3.49%|0%|26.59%|10.35%|0%)
SP18 Staphylococcus caprae (0%|2.01%|0%|0%|7.17%|0%)
SP112 Hathewaya histolytica (0%|0%|0%|0.14%|0%|0%)
SP93 Pseudoramibacter alactolyticus (0%|1.76%|0%|0%|0%|0%)
SP123 Anaerostipes caccae (0%|0%|0.00%|0%|0%|0%)
SP96 Robinsoniella peoriensis (0.01%|0%|0%|0%|0%|0%)
SP78 Mediterraneibacter faecis (0%|0%|0%|0.53%|0%|0%)
SP122 Faecalicatena fissicatena (0.02%|0%|0%|0%|0%|0%)
SP23 Fusobacterium nucleatum (0%|3.69%|0%|4.74%|6.03%|6.13%)
SP100 Fusobacterium canifelinum (0%|0%|0%|0%|0.05%|0%)
SP80 Bifidobacterium bifidum (0%|0%|0%|0.56%|0%|0%)
SP42 Bifidobacterium pseudolongum (0.49%|0%|0.00%|0%|0%|0%)
SP5 Bifidobacterium longum (0%|2.91%|0%|0.24%|0%|0%)
SP102 Bifidobacterium breve (0%|0.33%|0%|0%|0%|0%)
SP20 Varibaculum cambriense (0%|0%|0%|2.26%|0%|0%)
SP84 Actinomyces sp._HMT_525 (0%|0%|0%|0%|0.12%|0%)
SP27 Actinomyces sp._HMT_448 (0%|0%|0%|0.77%|0%|0%)
SP17 Janibacter cremeus (0%|0%|0%|0%|0.54%|0%)
SP44 Microbacterium maritypicum (0%|0%|0%|0%|0.46%|0%)
SP26 Rothia mucilaginosa (0%|0%|0%|0%|1.70%|0%)
SP103 Glutamicibacter protophormiae (0%|0.24%|0%|0%|0%|0%)
SP108 Glutamicibacter soli (0%|0.86%|0%|0%|0%|0%)
SP110 Cutibacterium avidum (0%|0%|0%|1.01%|0%|0%)
SP33 Cutibacterium acnes (0.80%|21.38%|0.00%|46.85%|31.50%|13.92%)
SP43 Cutibacterium namnetense (0%|0%|0%|0%|1.89%|0%)
SP57 Rhodococcus qingshengii (0%|0%|0%|0%|0%|5.45%)
SP85 Lawsonella clevelandensis (0%|0%|0%|0%|0.45%|0%)
SP75 Corynebacterium kroppenstedtii (0%|0%|0%|0.49%|0%|0%)
SP48 Corynebacterium jeikeium (0%|0%|0%|0%|0%|7.15%)
SP97 Corynebacterium falsenii (0%|0%|0%|0%|0%|0.85%)
SP125 Corynebacterium propinquum (0%|0%|0%|0%|0.07%|0%)
SP95 Corynebacterium pseudodiphtheriticum (0%|0%|0%|0%|0.35%|0%)
SP22 Corynebacterium tuberculostearicum (0%|7.05%|0%|1.24%|0.76%|9.23%
SP46 Corynebacterium aurimucosum (0%|0%|0%|0%|0%|3.41%)
SP41 Corynebacterium durum (0%|6.49%|0%|0%|0%|0%)
SP118 Corynebacterium mastitidis (0.00%|0%|0.03%|0%|0%|0%)
SP111 Corynebacterium matruchotii (0%|0%|0%|0.52%|0%|0%)
SP94 Corynebacterium appendicis (0%|0.15%|0%|0%|0%|0%)
SP76 Corynebacterium pilbarense (0%|0.39%|0%|0%|0%|1.48%)
SP106 Corynebacterium coyleae (0%|0%|0%|0%|0%|1.12%)
SP52 Corynebacterium afermentans (0%|0%|0%|0%|1.21%|0%)
SP45 Corynebacterium ureicelerivorans (0%|0%|0%|0%|1.25%|0%)
SP104 Veillonella sp._HMT_780 (0%|0.40%|0%|0%|0%|0%)
SP49 Triticum aestivum (0%|3.06%|0%|0%|0%|32.19%)
SP66 Actinidia eriantha (0%|10.49%|0%|0%|6.82%|0%)
SP113 Saccharibacteria_(TM7)_[G-6] bacterium_HMT_870 (0%|0%|0%|0.20%|0%
SP115 Capnocytophaga sputigena (0%|0.11%|0%|0%|0%|0%)
SP72 Tannerella serpentiformis (0%|0%|0%|0.31%|0%|0%)
SP124 Bacteroides thetaiotaomicron (0.01%|0%|0%|0%|0%|0%)
SP99 Prevotella sp._HMT_314 (0%|0%|0%|0%|0%|2.39%)
SP40 Prevotella oralis (0%|0%|0%|0.19%|0%|0%)
SP86 Sphingomonas leidyi (0%|1.44%|0%|0%|0%|1.24%)
SP15 Bradyrhizobium valentinum (0%|0.63%|0%|0.40%|0.84%|0%)
SP107 Bradyrhizobium frederickii (0%|0%|0%|0.01%|0%|0%)
SP69 Bradyrhizobium japonicum (0%|1.28%|0%|0.60%|1.74%|0%)
SP35 Bradyrhizobium lupini (0%|0.78%|0%|0.43%|1.19%|0%)
SP32 Neisseriaceae_[G-1] bacterium_HMT_174 (0%|0%|0%|0.80%|0%|0%)
SP114 Neisseria mucosa (0%|0.69%|0%|0%|0%|0%)
SP29 Neisseria sicca (0%|0.36%|0%|0%|0%|0%)
SP31 Methylophilus leisingeri (0%|0%|0%|0%|0.70%|0%)
SP83 Massilia arenae (0%|0%|0%|0.88%|0%|0%)
SP105 Parasutterella excrementihominis (0.04%|0%|0.01%|0%|0%|0%)
SP109 Tepidiphilus succinatimandens (0%|0.68%|0%|0%|0%|0%)
SP121 Leptothrix sp._HMT_025 (0.00%|0%|0%|0%|0%|0%)
SP91 Acinetobacter radioresistens (0.03%|0%|0%|0%|0%|0%)
SP37 Acinetobacter lwoffii (0%|10.77%|0%|0.50%|6.22%|1.94%)
SP70 Acinetobacter johnsonii (0%|0.41%|0%|0.13%|0.11%|0%)
SP6 Acinetobacter pittii (0%|1.06%|0%|0.34%|0%|0%)
SP89 Acinetobacter septicus (0%|0%|0%|0.31%|0%|0%)
SP28 Pantoea allii (0%|0%|0%|0.84%|0%|0%)
SP74 Shigella flexneri (0%|1.74%|0%|0%|0.04%|0%)
SP116 Shigella sonnei (0%|0%|0%|0.16%|0%|0%)
SP117 Escherichia coli (0%|0.26%|0%|0%|0.04%|0%)
SP8 Escherichia fergusonii (0%|2.92%|0%|0%|1.71%|0%)
SP53 Salmonella enterica (0%|0%|0.11%|0%|0%|0%)
SP14 Enterobacter hormaechei (0%|0%|0.36%|0%|0.20%|0%)
SP71 Enterobacter mori (0%|0%|0.04%|0%|0%|0%)
SP19 Klebsiella pneumoniae (2.62%|0%|11.31%|0%|0%|0%)
SP38 Enterobacter cloacae (0%|0%|0.08%|0%|0%|0%)
SP101 Klebsiella aerogenes (0.07%|0%|0%|0%|0%|0%)
SP25 Citrobacter murliniae (0%|0%|0.02%|0%|0%|0%)
SP79 Klebsiella michiganensis (0%|0%|0.01%|0%|0%|0%)
SP82 Enterobacter kobei (0%|0%|0.07%|0%|0%|0%)
Ligature_WT
Brain_WT_+_Ligature
Ligature_PSAPP
Brain_WT_-_Ligature
Brain_PSAPP_+_Ligature
Brain_PSAPP_-_Ligature
substitutions/site
0
0.2
0.4
0.6
0.8