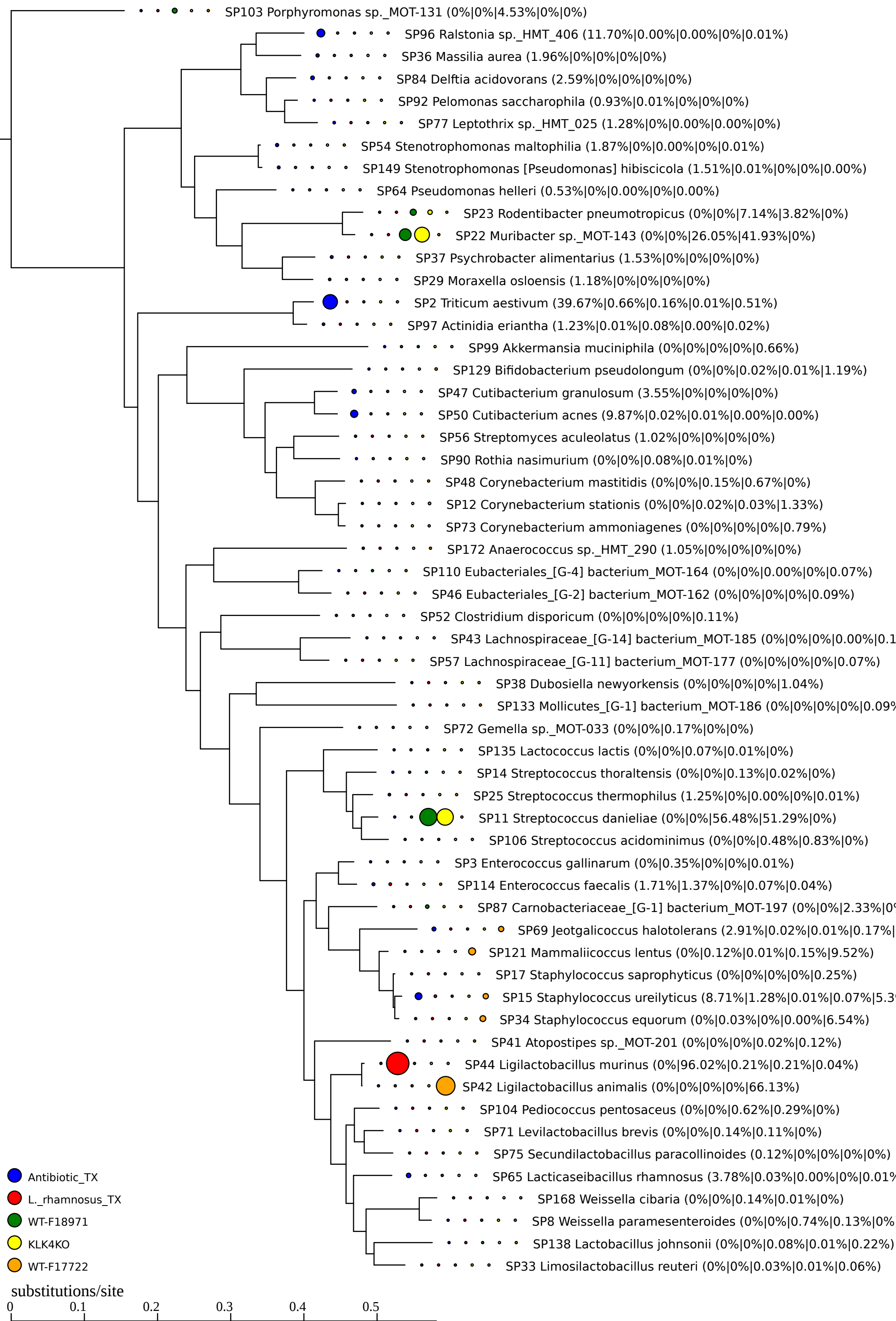
SP103 Porphyromonas sp._MOT-131 (0%|0%|4.53%|0%|0%)
SP96 Ralstonia sp._HMT_406 (11.70%|0.00%|0.00%|0%|0.01%)
SP36 Massilia aurea (1.96%|0%|0%|0%|0%)
SP84 Delftia acidovorans (2.59%|0%|0%|0%|0%)
SP92 Pelomonas saccharophila (0.93%|0.01%|0%|0%|0%)
SP77 Leptothrix sp._HMT_025 (1.28%|0%|0.00%|0.00%|0%)
SP54 Stenotrophomonas maltophilia (1.87%|0%|0.00%|0%|0.01%)
SP149 Stenotrophomonas [Pseudomonas] hibiscicola (1.51%|0.01%|0%|0%|0.00%)
SP64 Pseudomonas helleri (0.53%|0%|0.00%|0%|0.00%)
SP23 Rodentibacter pneumotropicus (0%|0%|7.14%|3.82%|0%)
SP22 Muribacter sp._MOT-143 (0%|0%|26.05%|41.93%|0%)
SP37 Psychrobacter alimentarius (1.53%|0%|0%|0%|0%)
SP29 Moraxella osloensis (1.18%|0%|0%|0%|0%)
SP2 Triticum aestivum (39.67%|0.66%|0.16%|0.01%|0.51%)
SP97 Actinidia eriantha (1.23%|0.01%|0.08%|0.00%|0.02%)
SP99 Akkermansia muciniphila (0%|0%|0%|0%|0.66%)
SP129 Bifidobacterium pseudolongum (0%|0%|0.02%|0.01%|1.19%)
SP47 Cutibacterium granulosum (3.55%|0%|0%|0%|0%)
SP50 Cutibacterium acnes (9.87%|0.02%|0.01%|0.00%|0.00%)
SP56 Streptomyces aculeolatus (1.02%|0%|0%|0%|0%)
SP90 Rothia nasimurium (0%|0%|0.08%|0.01%|0%)
SP48 Corynebacterium mastitidis (0%|0%|0.15%|0.67%|0%)
SP12 Corynebacterium stationis (0%|0%|0.02%|0.03%|1.33%)
SP73 Corynebacterium ammoniagenes (0%|0%|0%|0%|0.79%)
SP172 Anaerococcus sp._HMT_290 (1.05%|0%|0%|0%|0%)
SP110 Eubacteriales_[G-4] bacterium_MOT-164 (0%|0%|0.00%|0%|0.07%)
SP46 Eubacteriales_[G-2] bacterium_MOT-162 (0%|0%|0%|0%|0.09%)
SP52 Clostridium disporicum (0%|0%|0%|0%|0.11%)
SP43 Lachnospiraceae_[G-14] bacterium_MOT-185 (0%|0%|0%|0.00%|0.1
SP57 Lachnospiraceae_[G-11] bacterium_MOT-177 (0%|0%|0%|0%|0.07%)
SP38 Dubosiella newyorkensis (0%|0%|0%|0%|1.04%)
SP133 Mollicutes_[G-1] bacterium_MOT-186 (0%|0%|0%|0%|0.09%
SP72 Gemella sp._MOT-033 (0%|0%|0.17%|0%|0%)
SP135 Lactococcus lactis (0%|0%|0.07%|0.01%|0%)
SP14 Streptococcus thoraltensis (0%|0%|0.13%|0.02%|0%)
SP25 Streptococcus thermophilus (1.25%|0%|0.00%|0%|0.01%)
SP11 Streptococcus danieliae (0%|0%|56.48%|51.29%|0%)
SP106 Streptococcus acidominimus (0%|0%|0.48%|0.83%|0%)
SP3 Enterococcus gallinarum (0%|0.35%|0%|0%|0.01%)
SP114 Enterococcus faecalis (1.71%|1.37%|0%|0.07%|0.04%)
SP87 Carnobacteriaceae_[G-1] bacterium_MOT-197 (0%|0%|2.33%|0%
SP69 Jeotgalicoccus halotolerans (2.91%|0.02%|0.01%|0.17%|
SP121 Mammaliicoccus lentus (0%|0.12%|0.01%|0.15%|9.52%)
SP17 Staphylococcus saprophyticus (0%|0%|0%|0%|0.25%)
SP15 Staphylococcus ureilyticus (8.71%|1.28%|0.01%|0.07%|5.3
SP34 Staphylococcus equorum (0%|0.03%|0%|0.00%|6.54%)
SP41 Atopostipes sp._MOT-201 (0%|0%|0%|0.02%|0.12%)
SP44 Ligilactobacillus murinus (0%|96.02%|0.21%|0.21%|0.04%)
SP42 Ligilactobacillus animalis (0%|0%|0%|0%|66.13%)
SP104 Pediococcus pentosaceus (0%|0%|0.62%|0.29%|0%)
SP71 Levilactobacillus brevis (0%|0%|0.14%|0.11%|0%)
SP75 Secundilactobacillus paracollinoides (0.12%|0%|0%|0%|0%)
SP65 Lacticaseibacillus rhamnosus (3.78%|0.03%|0.00%|0%|0.01%
SP168 Weissella cibaria (0%|0%|0.14%|0.01%|0%)
SP8 Weissella paramesenteroides (0%|0%|0.74%|0.13%|0%
SP138 Lactobacillus johnsonii (0%|0%|0.08%|0.01%|0.22%)
SP33 Limosilactobacillus reuteri (0%|0%|0.03%|0.01%|0.06%)
Antibiotic_TX
L._rhamnosus_TX
WT-F18971
KLK4KO
WT-F17722
substitutions/site
0
0.1
0.2
0.3
0.4
0.5