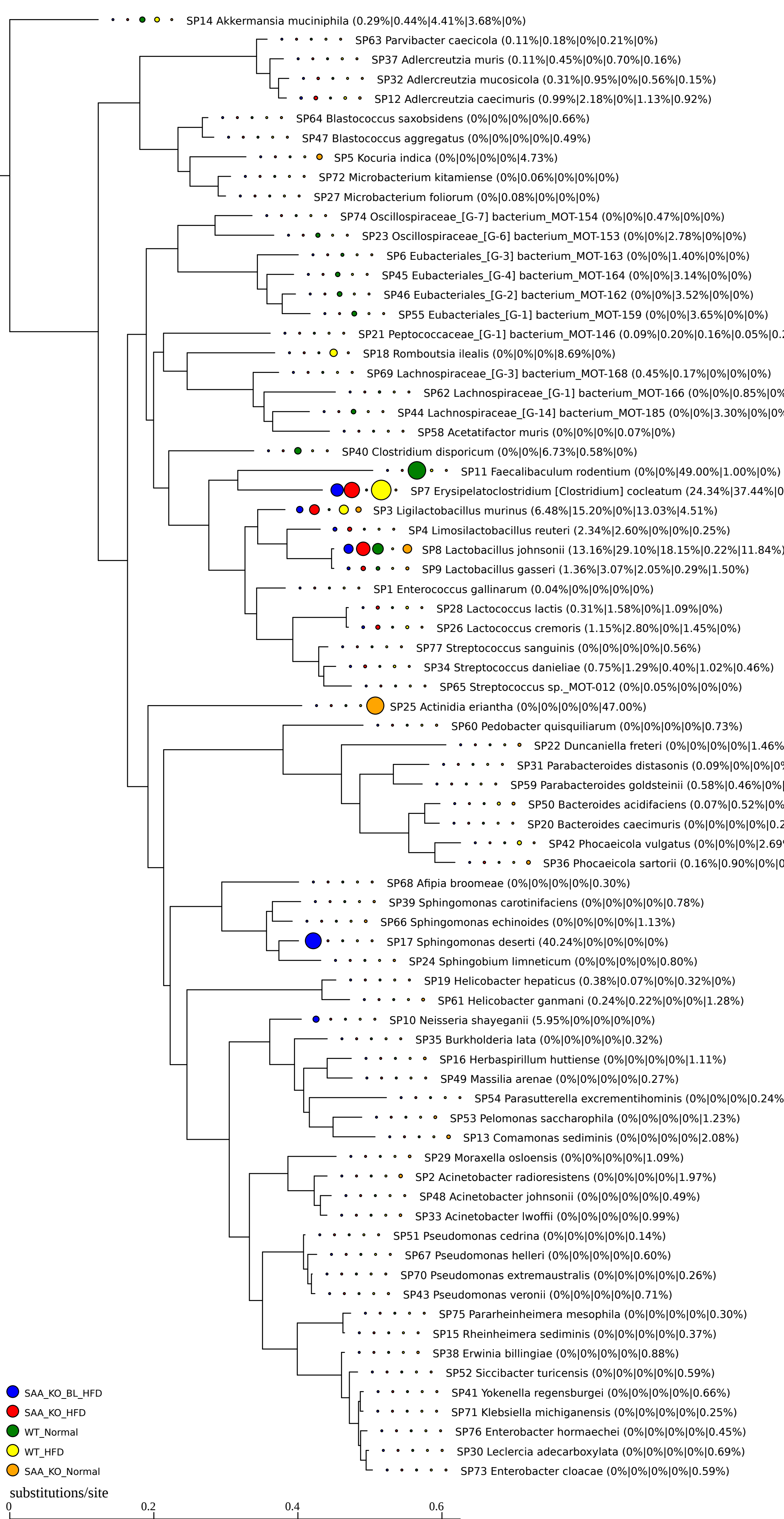
SP14 Akkermansia muciniphila (0.29%|0.44%|4.41%|3.68%|0%)
SP63 Parvibacter caecicola (0.11%|0.18%|0%|0.21%|0%)
SP37 Adlercreutzia muris (0.11%|0.45%|0%|0.70%|0.16%)
SP32 Adlercreutzia mucosicola (0.31%|0.95%|0%|0.56%|0.15%)
SP12 Adlercreutzia caecimuris (0.99%|2.18%|0%|1.13%|0.92%)
SP64 Blastococcus saxobsidens (0%|0%|0%|0%|0.66%)
SP47 Blastococcus aggregatus (0%|0%|0%|0%|0.49%)
SP5 Kocuria indica (0%|0%|0%|0%|4.73%)
SP72 Microbacterium kitamiense (0%|0.06%|0%|0%|0%)
SP27 Microbacterium foliorum (0%|0.08%|0%|0%|0%)
SP74 Oscillospiraceae_[G-7] bacterium_MOT-154 (0%|0%|0.47%|0%|0%)
SP23 Oscillospiraceae_[G-6] bacterium_MOT-153 (0%|0%|2.78%|0%|0%)
SP6 Eubacteriales_[G-3] bacterium_MOT-163 (0%|0%|1.40%|0%|0%)
SP45 Eubacteriales_[G-4] bacterium_MOT-164 (0%|0%|3.14%|0%|0%)
SP46 Eubacteriales_[G-2] bacterium_MOT-162 (0%|0%|3.52%|0%|0%)
SP55 Eubacteriales_[G-1] bacterium_MOT-159 (0%|0%|3.65%|0%|0%)
SP21 Peptococcaceae_[G-1] bacterium_MOT-146 (0.09%|0.20%|0.16%|0.05%|0.2
SP18 Romboutsia ilealis (0%|0%|0%|8.69%|0%)
SP69 Lachnospiraceae_[G-3] bacterium_MOT-168 (0.45%|0.17%|0%|0%|0%)
SP62 Lachnospiraceae_[G-1] bacterium_MOT-166 (0%|0%|0.85%|0%
SP44 Lachnospiraceae_[G-14] bacterium_MOT-185 (0%|0%|3.30%|0%|0%
SP58 Acetatifactor muris (0%|0%|0%|0.07%|0%)
SP40 Clostridium disporicum (0%|0%|6.73%|0.58%|0%)
SP11 Faecalibaculum rodentium (0%|0%|49.00%|1.00%|0%)
SP7 Erysipelatoclostridium [Clostridium] cocleatum (24.34%|37.44%|0
SP3 Ligilactobacillus murinus (6.48%|15.20%|0%|13.03%|4.51%)
SP4 Limosilactobacillus reuteri (2.34%|2.60%|0%|0%|0.25%)
SP8 Lactobacillus johnsonii (13.16%|29.10%|18.15%|0.22%|11.84%)
SP9 Lactobacillus gasseri (1.36%|3.07%|2.05%|0.29%|1.50%)
SP1 Enterococcus gallinarum (0.04%|0%|0%|0%|0%)
SP28 Lactococcus lactis (0.31%|1.58%|0%|1.09%|0%)
SP26 Lactococcus cremoris (1.15%|2.80%|0%|1.45%|0%)
SP77 Streptococcus sanguinis (0%|0%|0%|0%|0.56%)
SP34 Streptococcus danieliae (0.75%|1.29%|0.40%|1.02%|0.46%)
SP65 Streptococcus sp._MOT-012 (0%|0.05%|0%|0%|0%)
SP25 Actinidia eriantha (0%|0%|0%|0%|47.00%)
SP60 Pedobacter quisquiliarum (0%|0%|0%|0%|0.73%)
SP22 Duncaniella freteri (0%|0%|0%|0%|1.46%
SP31 Parabacteroides distasonis (0.09%|0%|0%|0%
SP59 Parabacteroides goldsteinii (0.58%|0.46%|0%|
SP50 Bacteroides acidifaciens (0.07%|0.52%|0%
SP20 Bacteroides caecimuris (0%|0%|0%|0%|0.2
SP42 Phocaeicola vulgatus (0%|0%|0%|2.69%
SP36 Phocaeicola sartorii (0.16%|0.90%|0%|0
SP68 Afipia broomeae (0%|0%|0%|0%|0.30%)
SP39 Sphingomonas carotinifaciens (0%|0%|0%|0%|0.78%)
SP66 Sphingomonas echinoides (0%|0%|0%|0%|1.13%)
SP17 Sphingomonas deserti (40.24%|0%|0%|0%|0%)
SP24 Sphingobium limneticum (0%|0%|0%|0%|0.80%)
SP19 Helicobacter hepaticus (0.38%|0.07%|0%|0.32%|0%)
SP61 Helicobacter ganmani (0.24%|0.22%|0%|0%|1.28%)
SP10 Neisseria shayeganii (5.95%|0%|0%|0%|0%)
SP35 Burkholderia lata (0%|0%|0%|0%|0.32%)
SP16 Herbaspirillum huttiense (0%|0%|0%|0%|1.11%)
SP49 Massilia arenae (0%|0%|0%|0%|0.27%)
SP54 Parasutterella excrementihominis (0%|0%|0%|0.24%
SP53 Pelomonas saccharophila (0%|0%|0%|0%|1.23%)
SP13 Comamonas sediminis (0%|0%|0%|0%|2.08%)
SP29 Moraxella osloensis (0%|0%|0%|0%|1.09%)
SP2 Acinetobacter radioresistens (0%|0%|0%|0%|1.97%)
SP48 Acinetobacter johnsonii (0%|0%|0%|0%|0.49%)
SP33 Acinetobacter lwoffii (0%|0%|0%|0%|0.99%)
SP51 Pseudomonas cedrina (0%|0%|0%|0%|0.14%)
SP67 Pseudomonas helleri (0%|0%|0%|0%|0.60%)
SP70 Pseudomonas extremaustralis (0%|0%|0%|0%|0.26%)
SP43 Pseudomonas veronii (0%|0%|0%|0%|0.71%)
SP75 Pararheinheimera mesophila (0%|0%|0%|0%|0.30%)
SP15 Rheinheimera sediminis (0%|0%|0%|0%|0.37%)
SP38 Erwinia billingiae (0%|0%|0%|0%|0.88%)
SP52 Siccibacter turicensis (0%|0%|0%|0%|0.59%)
SP41 Yokenella regensburgei (0%|0%|0%|0%|0.66%)
SP71 Klebsiella michiganensis (0%|0%|0%|0%|0.25%)
SP76 Enterobacter hormaechei (0%|0%|0%|0%|0.45%)
SP30 Leclercia adecarboxylata (0%|0%|0%|0%|0.69%)
SP73 Enterobacter cloacae (0%|0%|0%|0%|0.59%)
SAA_KO_BL_HFD
SAA_KO_HFD
WT_Normal
WT_HFD
SAA_KO_Normal
substitutions/site
0
0.2
0.4
0.6