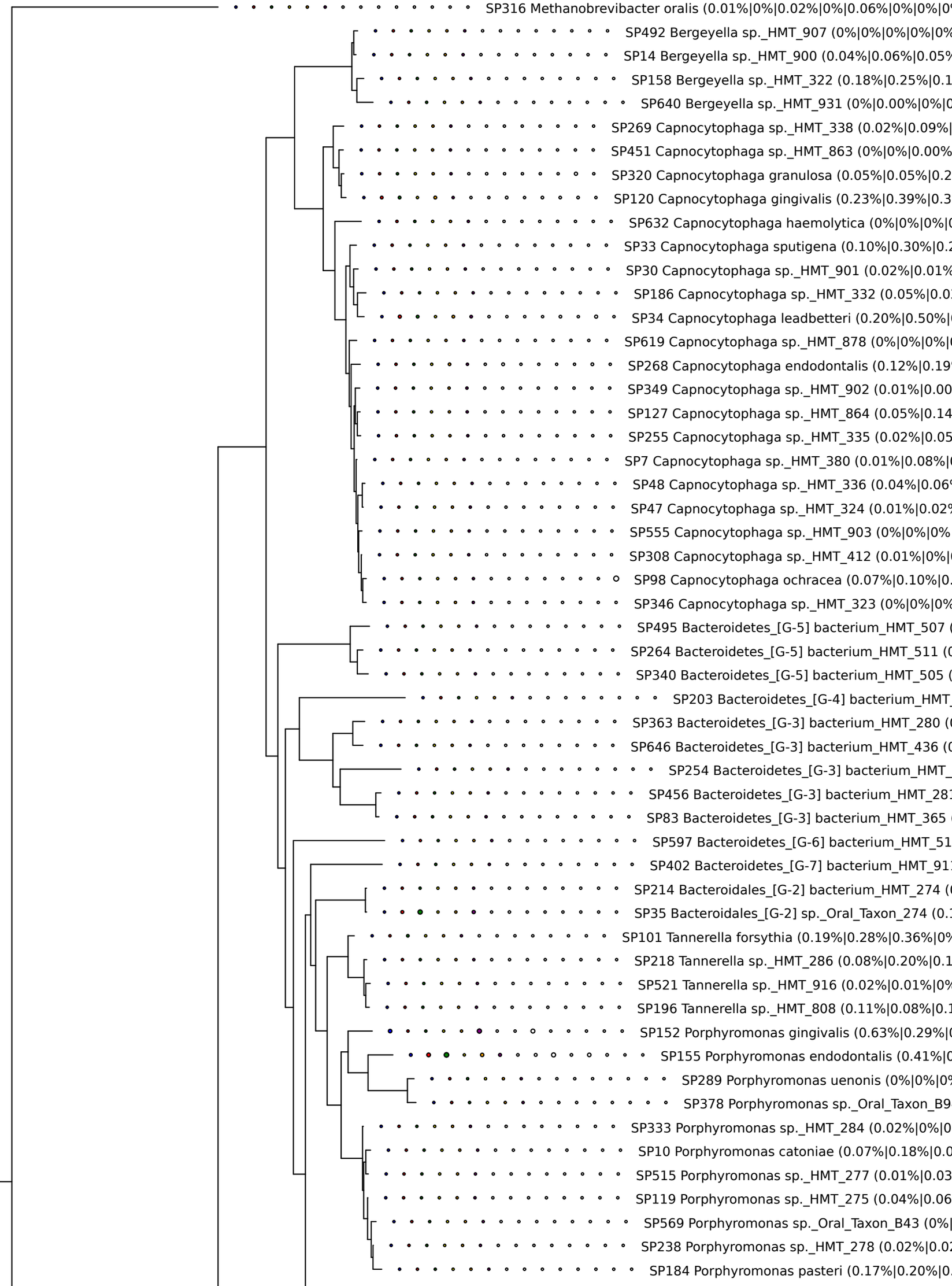
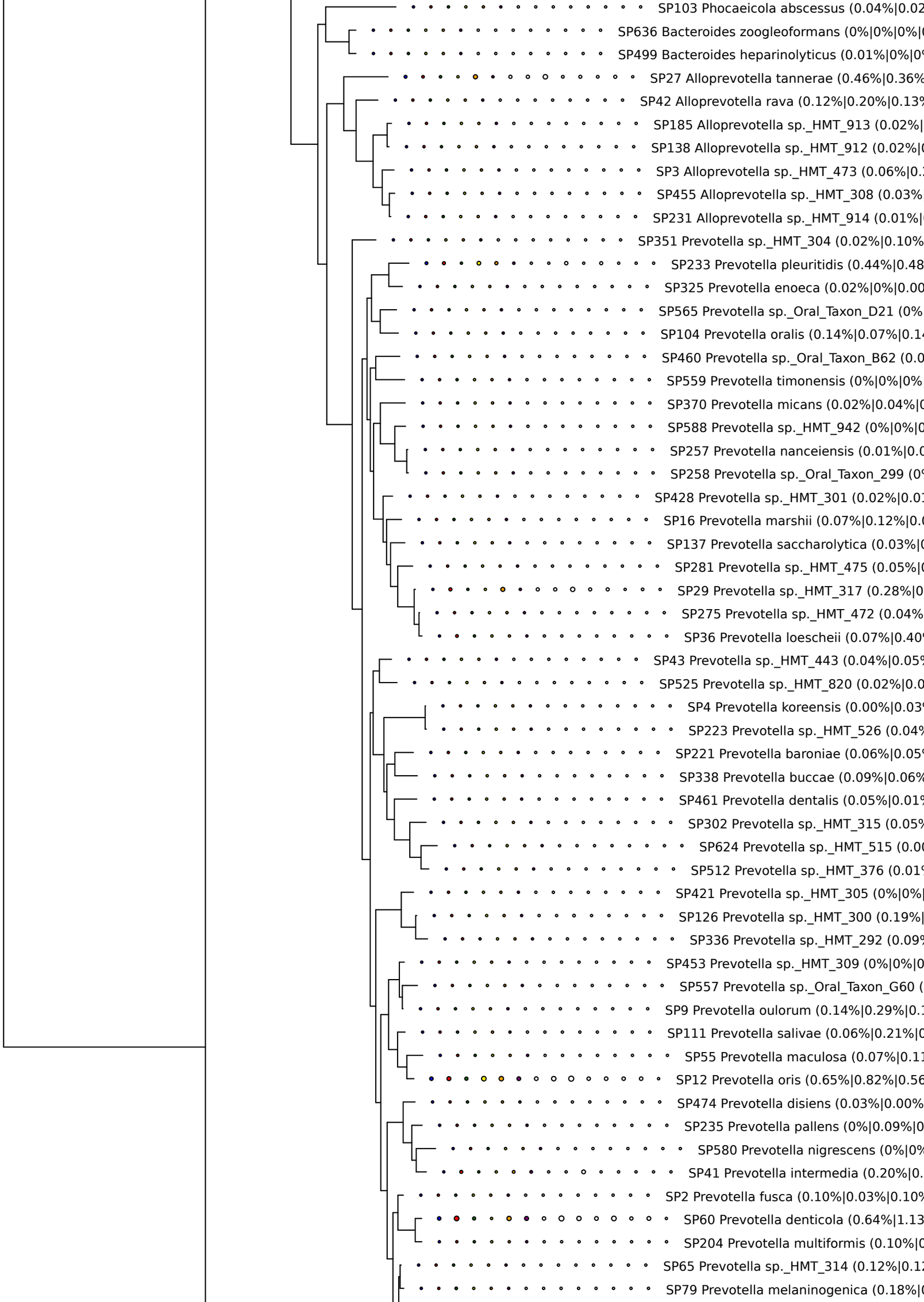
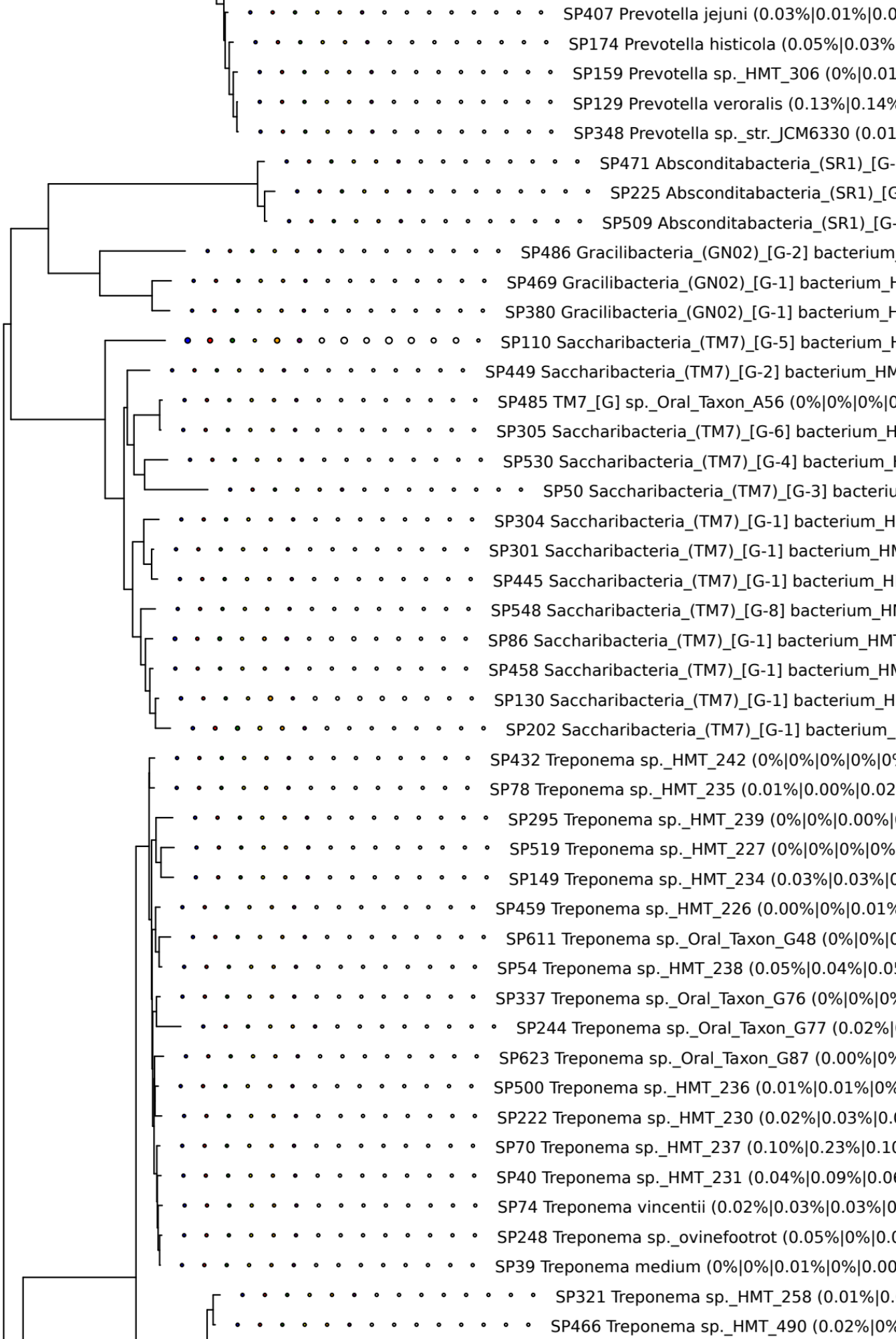
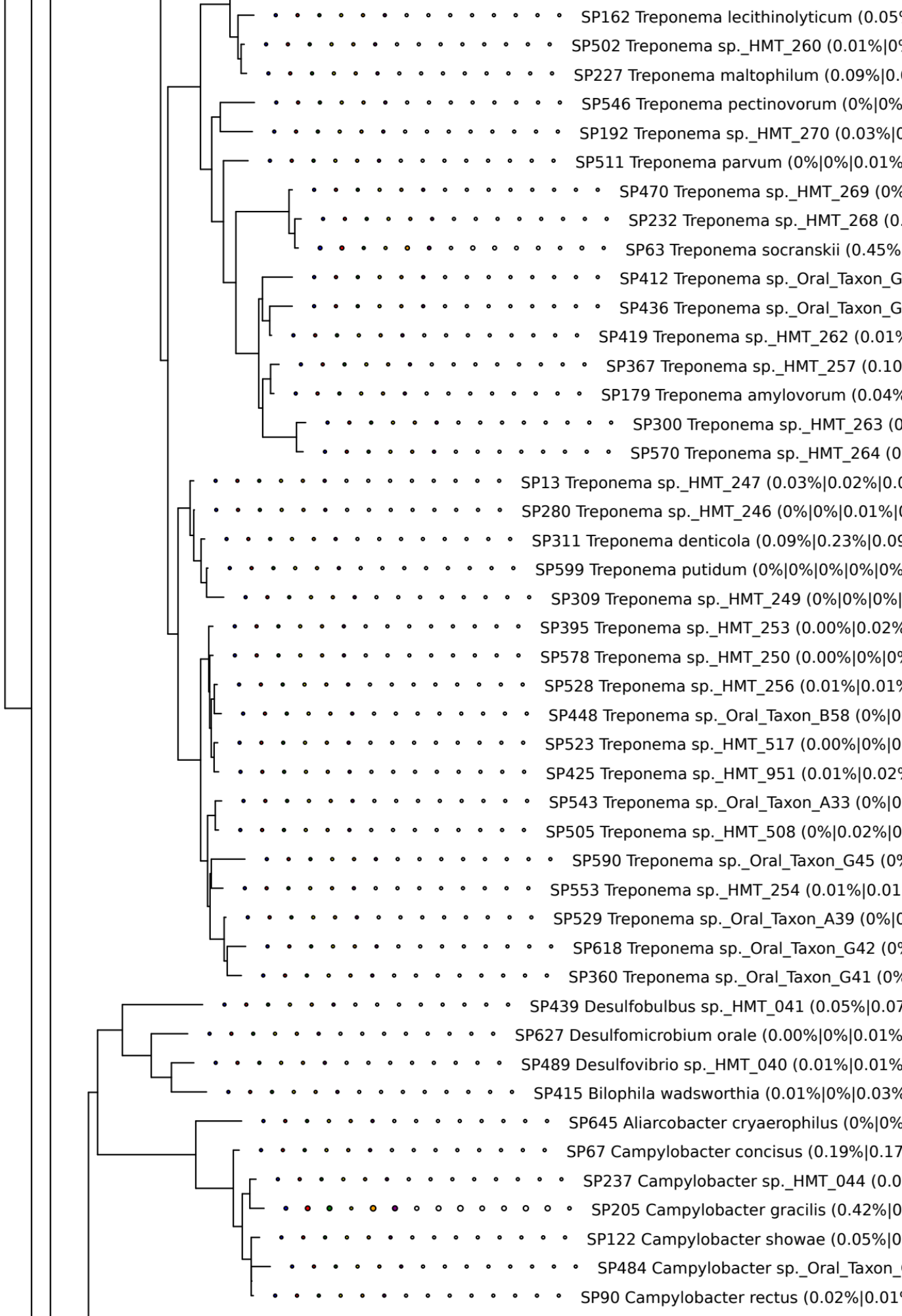
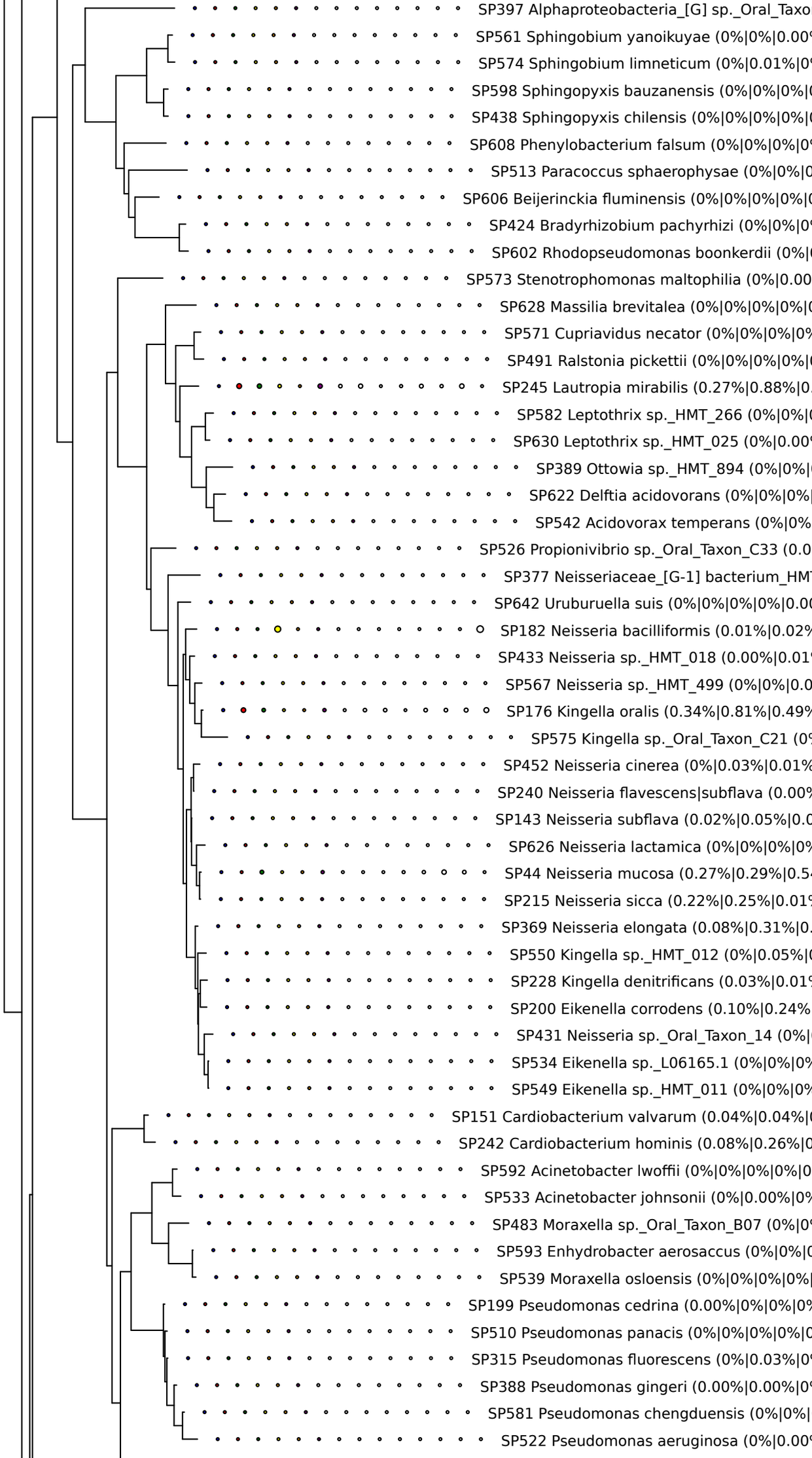
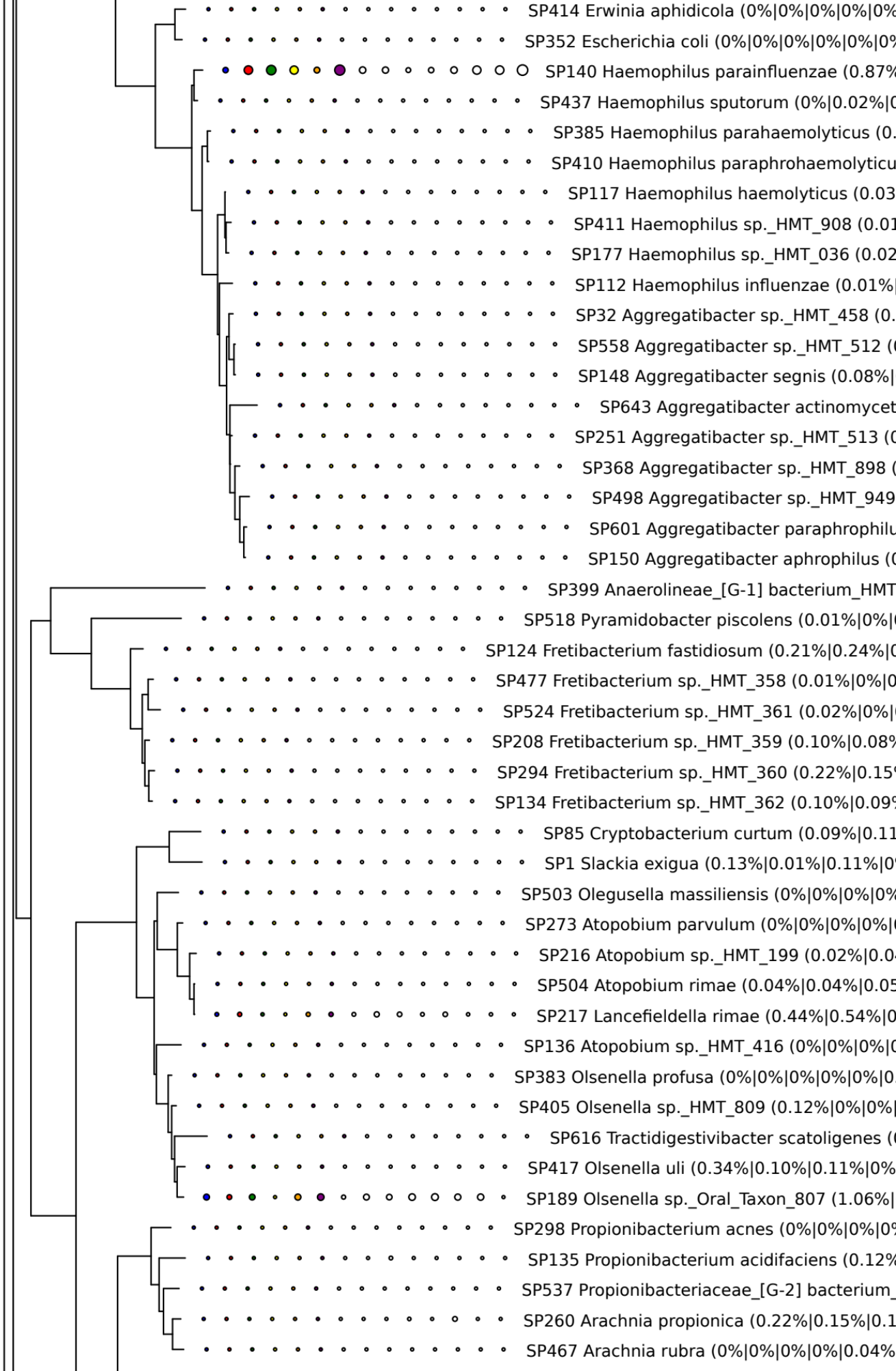

SP316 Methanobrevibacter oralis (0.01%|0%|0.02%|0%|0.06%|0%|0%|0
SP492 Bergeyella sp._HMT_907 (0%|0%|0%|0%|0%
SP14 Bergeyella sp._HMT_900 (0.04%|0.06%|0.05%
SP158 Bergeyella sp._HMT_322 (0.18%|0.25%|0.1
SP640 Bergeyella sp._HMT_931 (0%|0.00%|0%|0
SP269 Capnocytophaga sp._HMT_338 (0.02%|0.09%|
SP451 Capnocytophaga sp._HMT_863 (0%|0%|0.00%
SP320 Capnocytophaga granulosa (0.05%|0.05%|0.2
SP120 Capnocytophaga gingivalis (0.23%|0.39%|0.3
SP632 Capnocytophaga haemolytica (0%|0%|0%|0
SP33 Capnocytophaga sputigena (0.10%|0.30%|0.2
SP30 Capnocytophaga sp._HMT_901 (0.02%|0.01%
SP186 Capnocytophaga sp._HMT_332 (0.05%|0.0
SP34 Capnocytophaga leadbetteri (0.20%|0.50%|
SP619 Capnocytophaga sp._HMT_878 (0%|0%|0%|
SP268 Capnocytophaga endodontalis (0.12%|0.19
SP349 Capnocytophaga sp._HMT_902 (0.01%|0.00
SP127 Capnocytophaga sp._HMT_864 (0.05%|0.14
SP255 Capnocytophaga sp._HMT_335 (0.02%|0.05
SP7 Capnocytophaga sp._HMT_380 (0.01%|0.08%|
SP48 Capnocytophaga sp._HMT_336 (0.04%|0.06
SP47 Capnocytophaga sp._HMT_324 (0.01%|0.02%
SP555 Capnocytophaga sp._HMT_903 (0%|0%|0%
SP308 Capnocytophaga sp._HMT_412 (0.01%|0%|
SP98 Capnocytophaga ochracea (0.07%|0.10%|0.
SP346 Capnocytophaga sp._HMT_323 (0%|0%|0%
SP495 Bacteroidetes_[G-5] bacterium_HMT_507 (
SP264 Bacteroidetes_[G-5] bacterium_HMT_511 (
SP340 Bacteroidetes_[G-5] bacterium_HMT_505 (
SP203 Bacteroidetes_[G-4] bacterium_HMT_
SP363 Bacteroidetes_[G-3] bacterium_HMT_280 (
SP646 Bacteroidetes_[G-3] bacterium_HMT_436 (
SP254 Bacteroidetes_[G-3] bacterium_HMT_
SP456 Bacteroidetes_[G-3] bacterium_HMT_28
SP83 Bacteroidetes_[G-3] bacterium_HMT_365 (
SP597 Bacteroidetes_[G-6] bacterium_HMT_51
SP402 Bacteroidetes_[G-7] bacterium_HMT_91
SP214 Bacteroidales_[G-2] bacterium_HMT_274 (
SP35 Bacteroidales_[G-2] sp._Oral_Taxon_274 (0.1
SP101 Tannerella forsythia (0.19%|0.28%|0.36%|0%
SP218 Tannerella sp._HMT_286 (0.08%|0.20%|0.1
SP521 Tannerella sp._HMT_916 (0.02%|0.01%|0%
SP196 Tannerella sp._HMT_808 (0.11%|0.08%|0.1
SP152 Porphyromonas gingivalis (0.63%|0.29%|0
SP155 Porphyromonas endodontalis (0.41%|0
SP289 Porphyromonas uenonis (0%|0%|0%
SP378 Porphyromonas sp._Oral_Taxon_B9
SP333 Porphyromonas sp._HMT_284 (0.02%|0%|0
SP10 Porphyromonas catoniae (0.07%|0.18%|0.0
SP515 Porphyromonas sp._HMT_277 (0.01%|0.03
SP119 Porphyromonas sp._HMT_275 (0.04%|0.06
SP569 Porphyromonas sp._Oral_Taxon_B43 (0%|
SP238 Porphyromonas sp._HMT_278 (0.02%|0.02
SP184 Porphyromonas pasteri (0.17%|0.20%|0.

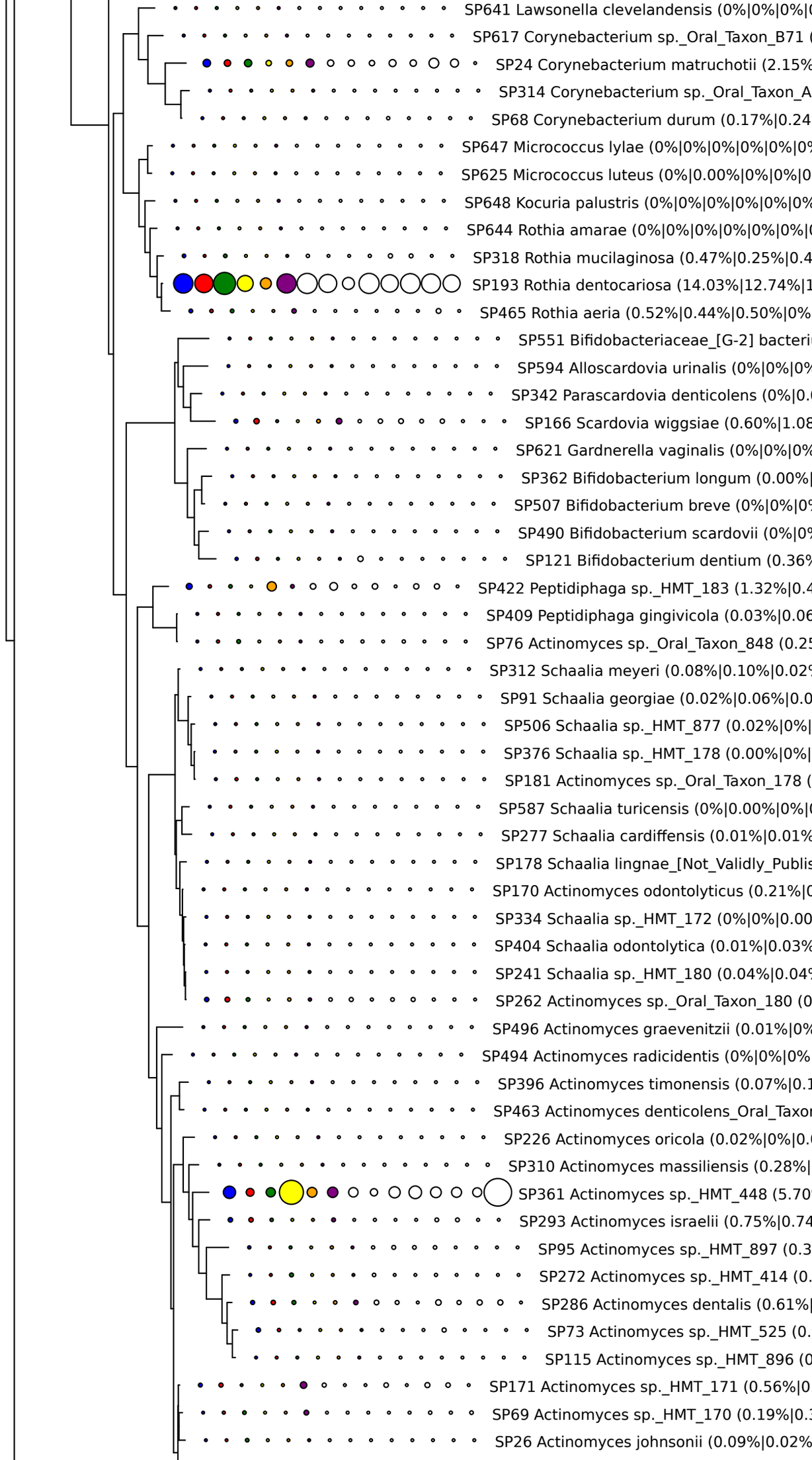

SP103 Phocaeicola abscessus (0.04%|0.02
SP636 Bacteroides zoogleoformans (0%|0%|0%|
SP499 Bacteroides heparinolyticus (0.01%|0%|0
SP27 Alloprevotella tannerae (0.46%|0.36%
SP42 Alloprevotella rava (0.12%|0.20%|0.13
SP185 Alloprevotella sp._HMT_913 (0.02%|
SP138 Alloprevotella sp._HMT_912 (0.02%|
SP3 Alloprevotella sp._HMT_473 (0.06%|0.
SP455 Alloprevotella sp._HMT_308 (0.03%
SP231 Alloprevotella sp._HMT_914 (0.01%|
SP351 Prevotella sp._HMT_304 (0.02%|0.10%
SP233 Prevotella pleuritidis (0.44%|0.48
SP325 Prevotella enoeca (0.02%|0%|0.00
SP565 Prevotella sp._Oral_Taxon_D21 (0%
SP104 Prevotella oralis (0.14%|0.07%|0.14
SP460 Prevotella sp._Oral_Taxon_B62 (0.0
SP559 Prevotella timonensis (0%|0%|0%
SP370 Prevotella micans (0.02%|0.04%|0
SP588 Prevotella sp._HMT_942 (0%|0%|0
SP257 Prevotella nanceiensis (0.01%|0.0
SP258 Prevotella sp._Oral_Taxon_299 (0
SP428 Prevotella sp._HMT_301 (0.02%|0.0
SP16 Prevotella marshii (0.07%|0.12%|0.0
SP137 Prevotella saccharolytica (0.03%|0
SP281 Prevotella sp._HMT_475 (0.05%|0
SP29 Prevotella sp._HMT_317 (0.28%|0
SP275 Prevotella sp._HMT_472 (0.04%
SP36 Prevotella loescheii (0.07%|0.40
SP43 Prevotella sp._HMT_443 (0.04%|0.05
SP525 Prevotella sp._HMT_820 (0.02%|0.0
SP4 Prevotella koreensis (0.00%|0.03
SP223 Prevotella sp._HMT_526 (0.04%
SP221 Prevotella baroniae (0.06%|0.05
SP338 Prevotella buccae (0.09%|0.06%
SP461 Prevotella dentalis (0.05%|0.01%
SP302 Prevotella sp._HMT_315 (0.05%
SP624 Prevotella sp._HMT_515 (0.00
SP512 Prevotella sp._HMT_376 (0.01
SP421 Prevotella sp._HMT_305 (0%|0%|
SP126 Prevotella sp._HMT_300 (0.19%|
SP336 Prevotella sp._HMT_292 (0.09
SP453 Prevotella sp._HMT_309 (0%|0%|0
SP557 Prevotella sp._Oral_Taxon_G60 (
SP9 Prevotella oulorum (0.14%|0.29%|0.1
SP111 Prevotella salivae (0.06%|0.21%|0
SP55 Prevotella maculosa (0.07%|0.11
SP12 Prevotella oris (0.65%|0.82%|0.56
SP474 Prevotella disiens (0.03%|0.00%
SP235 Prevotella pallens (0%|0.09%|0
SP580 Prevotella nigrescens (0%|0%
SP41 Prevotella intermedia (0.20%|0.
SP2 Prevotella fusca (0.10%|0.03%|0.10%
SP60 Prevotella denticola (0.64%|1.13
SP204 Prevotella multiformis (0.10%|0
SP65 Prevotella sp._HMT_314 (0.12%|0.12
SP79 Prevotella melaninogenica (0.18%|0

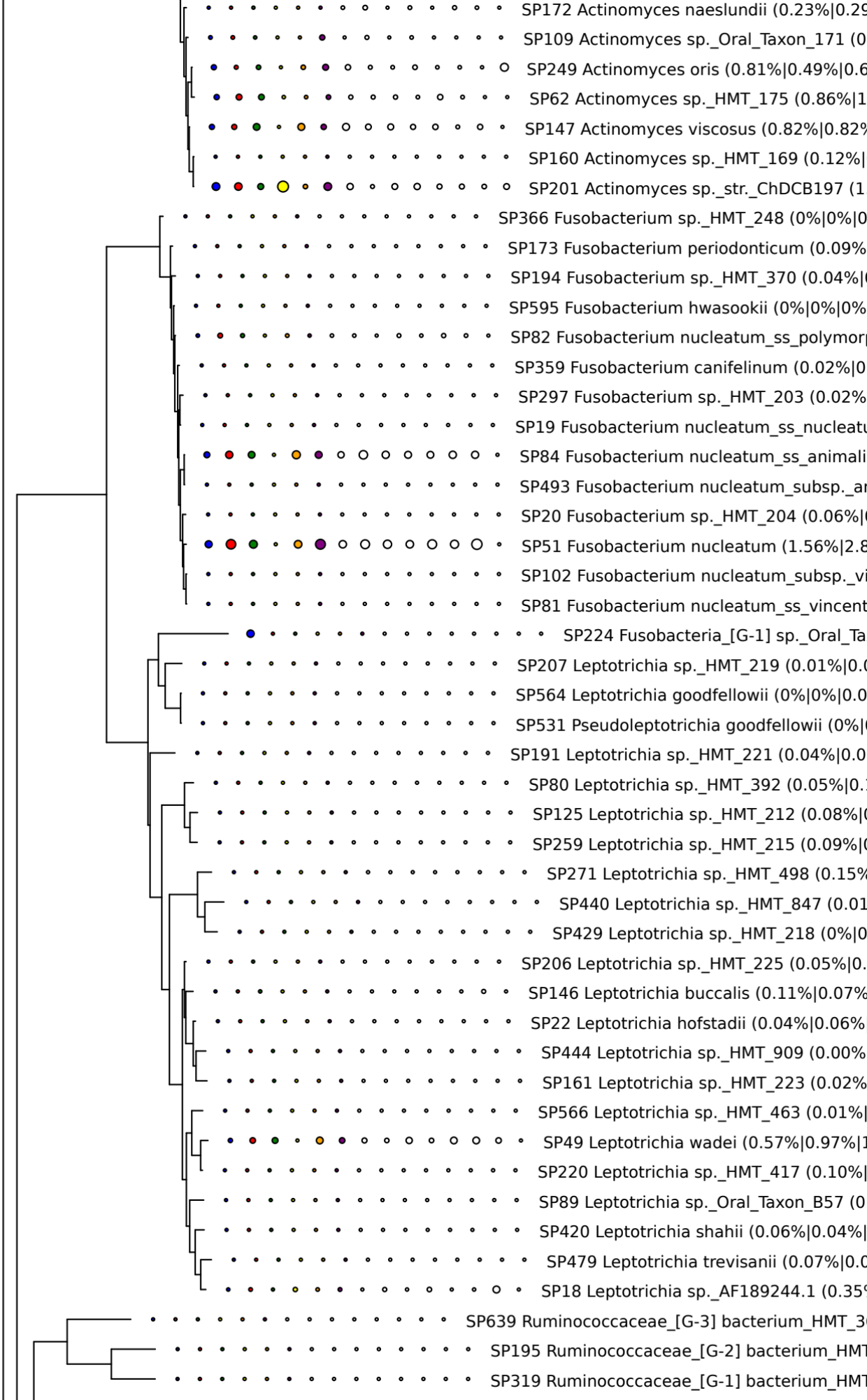

SP407 Prevotella jejuni (0.03%|0.01%|0.0
SP174 Prevotella histicola (0.05%|0.03%
SP159 Prevotella sp._HMT_306 (0%|0.01
SP129 Prevotella veroralis (0.13%|0.14%
SP348 Prevotella sp._str._JCM6330 (0.01
SP471 Absconditabacteria_(SR1)_[G-
SP225 Absconditabacteria_(SR1)_[G
SP509 Absconditabacteria_(SR1)_[G-
SP486 Gracilibacteria_(GN02)_[G-2] bacterium
SP469 Gracilibacteria_(GN02)_[G-1] bacterium_H
SP380 Gracilibacteria_(GN02)_[G-1] bacterium_H
SP110 Saccharibacteria_(TM7)_[G-5] bacterium_H
SP449 Saccharibacteria_(TM7)_[G-2] bacterium_HM
SP485 TM7_[G] sp._Oral_Taxon_A56 (0%|0%|0%|0
SP305 Saccharibacteria_(TM7)_[G-6] bacterium_H
SP530 Saccharibacteria_(TM7)_[G-4] bacterium_
SP50 Saccharibacteria_(TM7)_[G-3] bacteriu
SP304 Saccharibacteria_(TM7)_[G-1] bacterium_H
SP301 Saccharibacteria_(TM7)_[G-1] bacterium_HM
SP445 Saccharibacteria_(TM7)_[G-1] bacterium_H
SP548 Saccharibacteria_(TM7)_[G-8] bacterium_HM
SP86 Saccharibacteria_(TM7)_[G-1] bacterium_HMT
SP458 Saccharibacteria_(TM7)_[G-1] bacterium_HM
SP130 Saccharibacteria_(TM7)_[G-1] bacterium_H
SP202 Saccharibacteria_(TM7)_[G-1] bacterium_
SP432 Treponema sp._HMT_242 (0%|0%|0%|0%|0%
SP78 Treponema sp._HMT_235 (0.01%|0.00%|0.02
SP295 Treponema sp._HMT_239 (0%|0%|0.00%|
SP519 Treponema sp._HMT_227 (0%|0%|0%|0%
SP149 Treponema sp._HMT_234 (0.03%|0.03%|0
SP459 Treponema sp._HMT_226 (0.00%|0%|0.01%
SP611 Treponema sp._Oral_Taxon_G48 (0%|0%|0
SP54 Treponema sp._HMT_238 (0.05%|0.04%|0.05
SP337 Treponema sp._Oral_Taxon_G76 (0%|0%|0%
SP244 Treponema sp._Oral_Taxon_G77 (0.02%|
SP623 Treponema sp._Oral_Taxon_G87 (0.00%|0%
SP500 Treponema sp._HMT_236 (0.01%|0.01%|0%
SP222 Treponema sp._HMT_230 (0.02%|0.03%|0.0
SP70 Treponema sp._HMT_237 (0.10%|0.23%|0.10
SP40 Treponema sp._HMT_231 (0.04%|0.09%|0.06
SP74 Treponema vincentii (0.02%|0.03%|0.03%|0
SP248 Treponema sp._ovinefootrot (0.05%|0%|0.0
SP39 Treponema medium (0%|0%|0.01%|0%|0.00
SP321 Treponema sp._HMT_258 (0.01%|0.
SP466 Treponema sp._HMT_490 (0.02%|0%

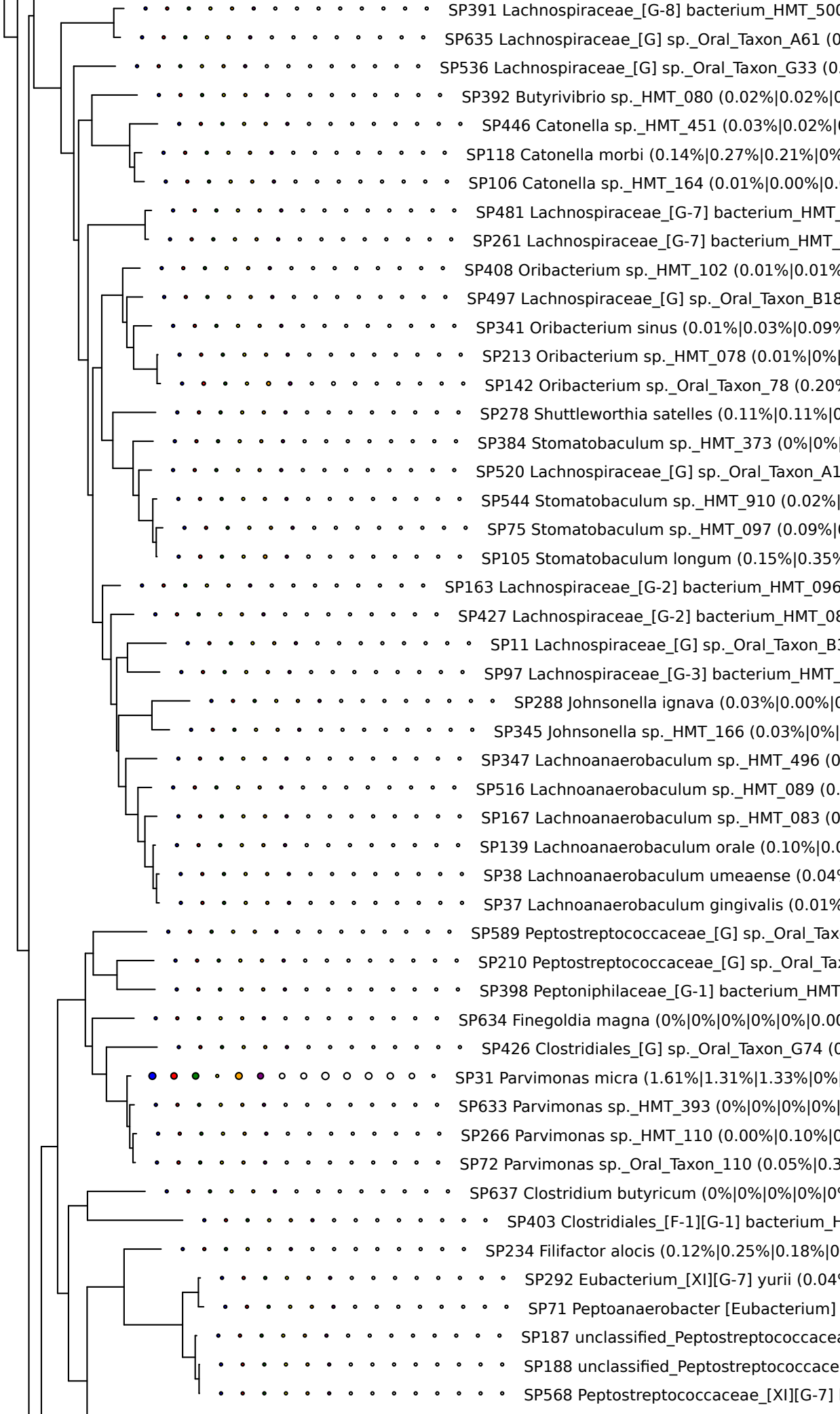

SP162 Treponema lecithinolyticum (0.05%
SP502 Treponema sp._HMT_260 (0.01%|0%
SP227 Treponema maltophilum (0.09%|0.
SP546 Treponema pectinovorum (0%|0%
SP192 Treponema sp._HMT_270 (0.03%|0
SP511 Treponema parvum (0%|0%|0.01%
SP470 Treponema sp._HMT_269 (0%
SP232 Treponema sp._HMT_268 (0.
SP63 Treponema socranskii (0.45%
SP412 Treponema sp._Oral_Taxon_G
SP436 Treponema sp._Oral_Taxon_G
SP419 Treponema sp._HMT_262 (0.01%
SP367 Treponema sp._HMT_257 (0.10
SP179 Treponema amylovorum (0.04%
SP300 Treponema sp._HMT_263 (0
SP570 Treponema sp._HMT_264 (0
SP13 Treponema sp._HMT_247 (0.03%|0.02%|0.0
SP280 Treponema sp._HMT_246 (0%|0%|0.01%|0
SP311 Treponema denticola (0.09%|0.23%|0.09
SP599 Treponema putidum (0%|0%|0%|0%|0%
SP309 Treponema sp._HMT_249 (0%|0%|0%|
SP395 Treponema sp._HMT_253 (0.00%|0.02%
SP578 Treponema sp._HMT_250 (0.00%|0%|0%
SP528 Treponema sp._HMT_256 (0.01%|0.01%
SP448 Treponema sp._Oral_Taxon_B58 (0%|0
SP523 Treponema sp._HMT_517 (0.00%|0%|0
SP425 Treponema sp._HMT_951 (0.01%|0.02%
SP543 Treponema sp._Oral_Taxon_A33 (0%|0
SP505 Treponema sp._HMT_508 (0%|0.02%|0
SP590 Treponema sp._Oral_Taxon_G45 (0%
SP553 Treponema sp._HMT_254 (0.01%|0.01
SP529 Treponema sp._Oral_Taxon_A39 (0%|0
SP618 Treponema sp._Oral_Taxon_G42 (0%
SP360 Treponema sp._Oral_Taxon_G41 (0%
SP439 Desulfobulbus sp._HMT_041 (0.05%|0.07
SP627 Desulfomicrobium orale (0.00%|0%|0.01%
SP489 Desulfovibrio sp._HMT_040 (0.01%|0.01%
SP415 Bilophila wadsworthia (0.01%|0%|0.03%
SP645 Aliarcobacter cryaerophilus (0%|0%
SP67 Campylobacter concisus (0.19%|0.17
SP237 Campylobacter sp._HMT_044 (0.0
SP205 Campylobacter gracilis (0.42%|0
SP122 Campylobacter showae (0.05%|0
SP484 Campylobacter sp._Oral_Taxon_
SP90 Campylobacter rectus (0.02%|0.01%

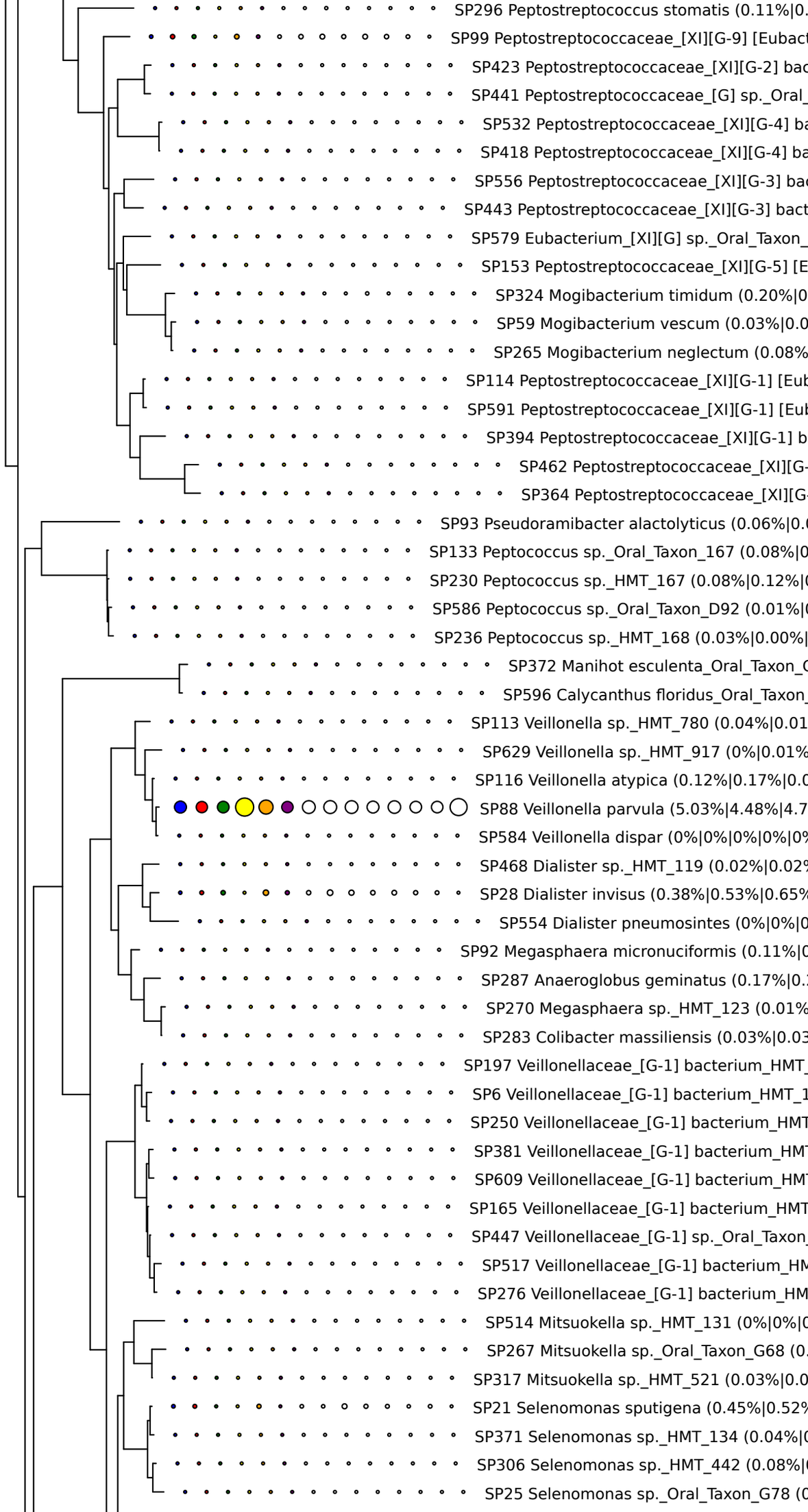

SP397 Alphaproteobacteria_[G] sp._Oral_Taxo
SP561 Sphingobium yanoikuyae (0%|0%|0.00
SP574 Sphingobium limneticum (0%|0.01%|0
SP598 Sphingopyxis bauzanensis (0%|0%|0%|
SP438 Sphingopyxis chilensis (0%|0%|0%|0%|
SP608 Phenylobacterium falsum (0%|0%|0%|0
SP513 Paracoccus sphaerophysae (0%|0%|0
SP606 Beijerinckia fluminensis (0%|0%|0%|0%|
SP424 Bradyrhizobium pachyrhizi (0%|0%|0
SP602 Rhodopseudomonas boonkerdii (0%|
SP573 Stenotrophomonas maltophilia (0%|0.00
SP628 Massilia brevitalea (0%|0%|0%|0%|
SP571 Cupriavidus necator (0%|0%|0%|0
SP491 Ralstonia pickettii (0%|0%|0%|0%|
SP245 Lautropia mirabilis (0.27%|0.88%|0
SP582 Leptothrix sp._HMT_266 (0%|0%|
SP630 Leptothrix sp._HMT_025 (0%|0.00
SP389 Ottowia sp._HMT_894 (0%|0%|
SP622 Delftia acidovorans (0%|0%|0%|
SP542 Acidovorax temperans (0%|0%
SP526 Propionivibrio sp._Oral_Taxon_C33 (0.0
SP377 Neisseriaceae_[G-1] bacterium_HM
SP642 Uruburuella suis (0%|0%|0%|0%|0.0
SP182 Neisseria bacilliformis (0.01%|0.02%
SP433 Neisseria sp._HMT_018 (0.00%|0.01
SP567 Neisseria sp._HMT_499 (0%|0%|0.0
SP176 Kingella oralis (0.34%|0.81%|0.49%
SP575 Kingella sp._Oral_Taxon_C21 (0
SP452 Neisseria cinerea (0%|0.03%|0.01%
SP240 Neisseria flavescens|subflava (0.00%
SP143 Neisseria subflava (0.02%|0.05%|0.0
SP626 Neisseria lactamica (0%|0%|0%|0
SP44 Neisseria mucosa (0.27%|0.29%|0.5
SP215 Neisseria sicca (0.22%|0.25%|0.01
SP369 Neisseria elongata (0.08%|0.31%|0.
SP550 Kingella sp._HMT_012 (0%|0.05%|
SP228 Kingella denitrificans (0.03%|0.01
SP200 Eikenella corrodens (0.10%|0.24%
SP431 Neisseria sp._Oral_Taxon_14 (0%|
SP534 Eikenella sp._L06165.1 (0%|0%|0
SP549 Eikenella sp._HMT_011 (0%|0%|0
SP151 Cardiobacterium valvarum (0.04%|0.04%|
SP242 Cardiobacterium hominis (0.08%|0.26%|0
SP592 Acinetobacter lwoffii (0%|0%|0%|0%|0
SP533 Acinetobacter johnsonii (0%|0.00%|0
SP483 Moraxella sp._Oral_Taxon_B07 (0%|0
SP593 Enhydrobacter aerosaccus (0%|0%|
SP539 Moraxella osloensis (0%|0%|0%|0%|
SP199 Pseudomonas cedrina (0.00%|0%|0%|0
SP510 Pseudomonas panacis (0%|0%|0%|0%|
SP315 Pseudomonas fluorescens (0%|0.03%|0
SP388 Pseudomonas gingeri (0.00%|0.00%|0
SP581 Pseudomonas chengduensis (0%|0%|
SP522 Pseudomonas aeruginosa (0%|0.00

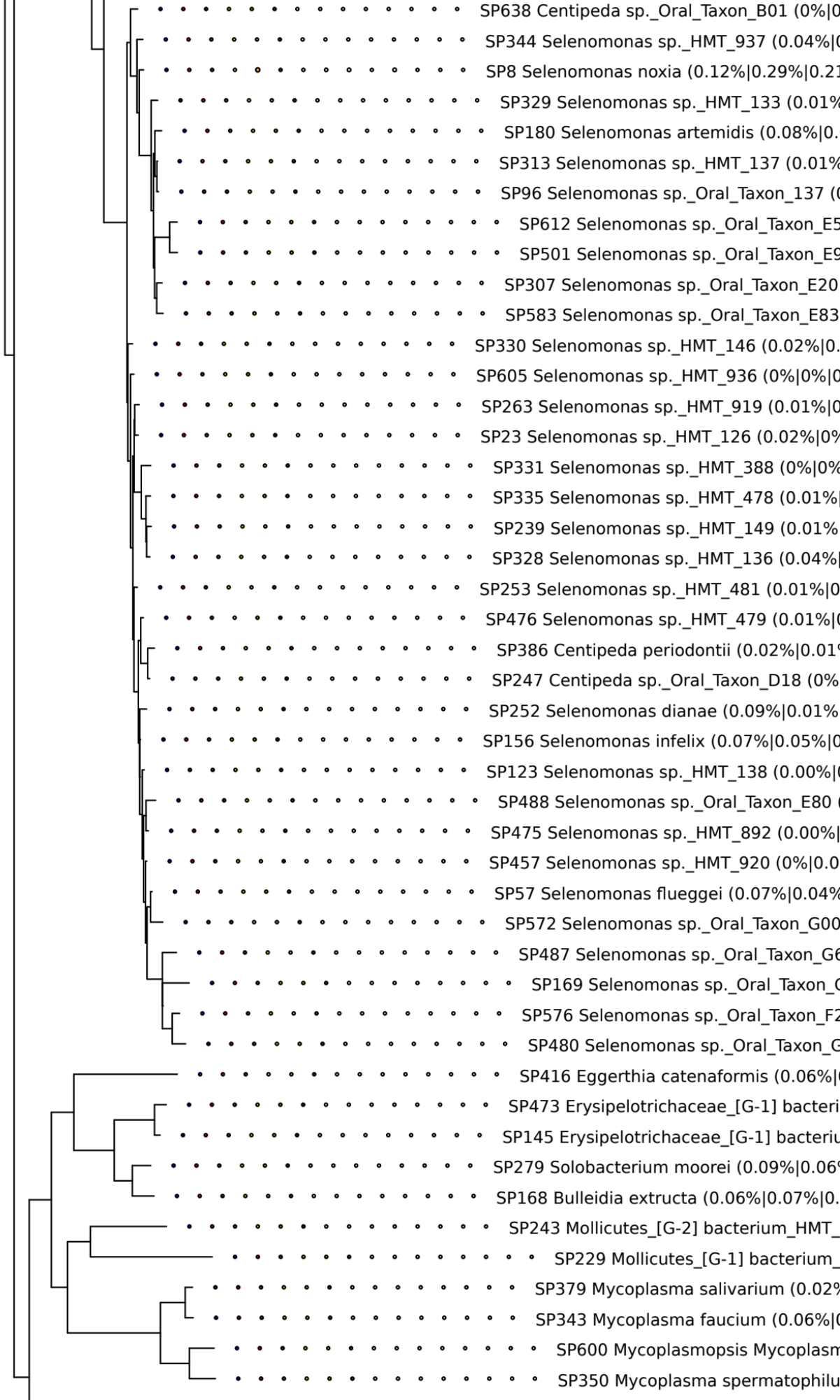

SP414 Erwinia aphidicola (0%|0%|0%|0%|0%
SP352 Escherichia coli (0%|0%|0%|0%|0%|0%
SP140 Haemophilus parainfluenzae (0.87%
SP437 Haemophilus sputorum (0%|0.02%|0
SP385 Haemophilus parahaemolyticus (0.
SP410 Haemophilus paraphrohaemolyticu
SP117 Haemophilus haemolyticus (0.03
SP411 Haemophilus sp._HMT_908 (0.01
SP177 Haemophilus sp._HMT_036 (0.02
SP112 Haemophilus influenzae (0.01%
SP32 Aggregatibacter sp._HMT_458 (0.
SP558 Aggregatibacter sp._HMT_512 (
SP148 Aggregatibacter segnis (0.08%
SP643 Aggregatibacter actinomycet
SP251 Aggregatibacter sp._HMT_513 (
SP368 Aggregatibacter sp._HMT_898 (
SP498 Aggregatibacter sp._HMT_949
SP601 Aggregatibacter paraphrophilu
SP150 Aggregatibacter aphrophilus (
SP399 Anaerolineae_[G-1] bacterium_HMT
SP518 Pyramidobacter piscolens (0.01%|0%|
SP124 Fretibacterium fastidiosum (0.21%|0.24%|0
SP477 Fretibacterium sp._HMT_358 (0.01%|0%|0
SP524 Fretibacterium sp._HMT_361 (0.02%|0%|
SP208 Fretibacterium sp._HMT_359 (0.10%|0.08%
SP294 Fretibacterium sp._HMT_360 (0.22%|0.15%
SP134 Fretibacterium sp._HMT_362 (0.10%|0.09%
SP85 Cryptobacterium curtum (0.09%|0.11
SP1 Slackia exigua (0.13%|0.01%|0.11%|0%
SP503 Olegusella massiliensis (0%|0%|0%|0%
SP273 Atopobium parvulum (0%|0%|0%|0%|
SP216 Atopobium sp._HMT_199 (0.02%|0.04
SP504 Atopobium rimae (0.04%|0.04%|0.05
SP217 Lancefieldella rimae (0.44%|0.54%|0
SP136 Atopobium sp._HMT_416 (0%|0%|0%|0
SP383 Olsenella profusa (0%|0%|0%|0%|0%|0
SP405 Olsenella sp._HMT_809 (0.12%|0%|0%
SP616 Tractidigestivibacter scatoligenes (
SP417 Olsenella uli (0.34%|0.10%|0.11%|0%
SP189 Olsenella sp._Oral_Taxon_807 (1.06%|
SP298 Propionibacterium acnes (0%|0%|0%|0%
SP135 Propionibacterium acidifaciens (0.12%
SP537 Propionibacteriaceae_[G-2] bacterium_
SP260 Arachnia propionica (0.22%|0.15%|0.1
SP467 Arachnia rubra (0%|0%|0%|0%|0.04%

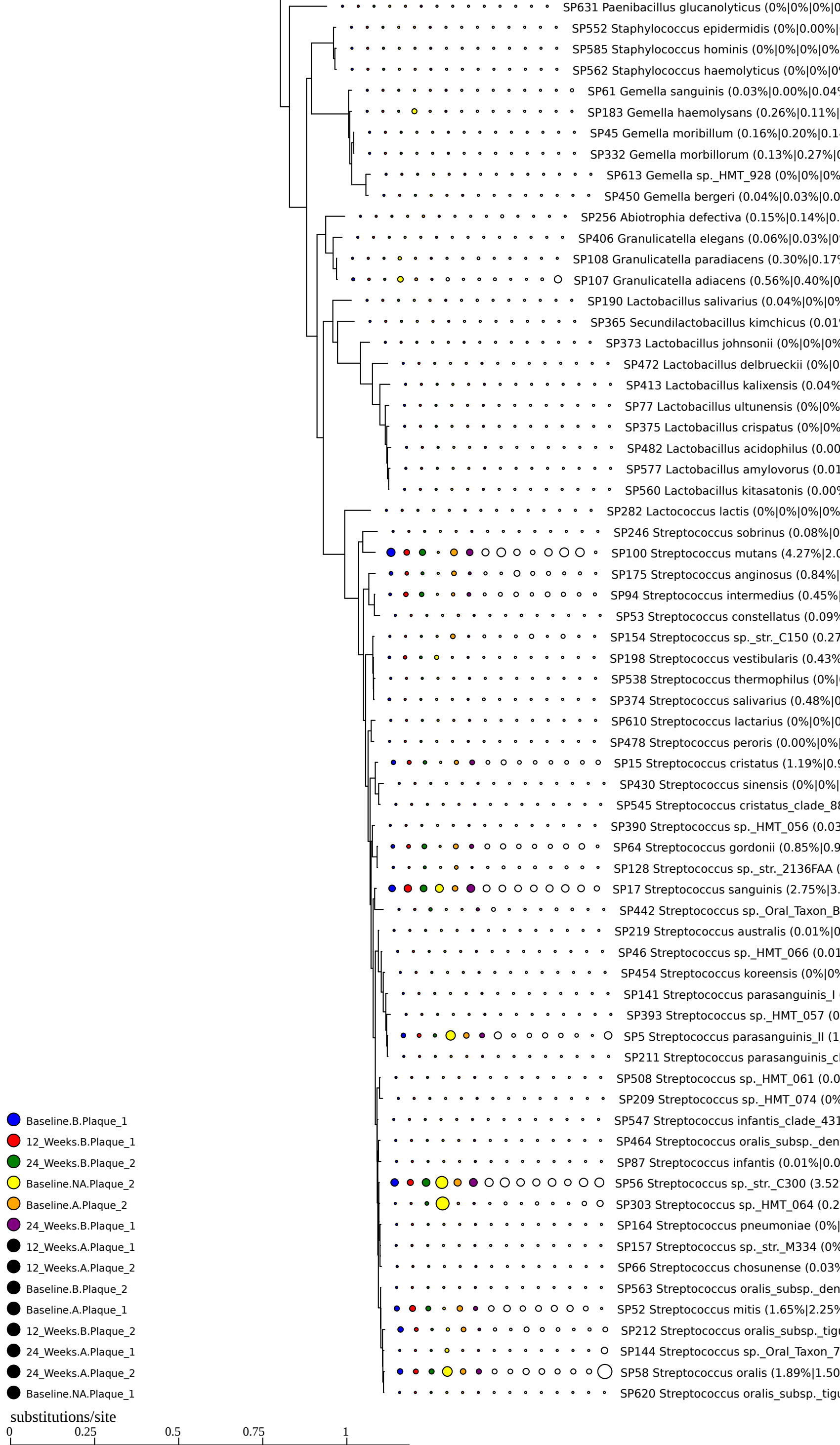

SP641 Lawsonella clevelandensis (0%|0%|0%|0
SP617 Corynebacterium sp._Oral_Taxon_B71 (
SP24 Corynebacterium matruchotii (2.15%
SP314 Corynebacterium sp._Oral_Taxon_A
SP68 Corynebacterium durum (0.17%|0.24
SP647 Micrococcus lylae (0%|0%|0%|0%|0%|0%
SP625 Micrococcus luteus (0%|0.00%|0%|0%|0
SP648 Kocuria palustris (0%|0%|0%|0%|0%|0%
SP644 Rothia amarae (0%|0%|0%|0%|0%|0%|0
SP318 Rothia mucilaginosa (0.47%|0.25%|0.4
SP193 Rothia dentocariosa (14.03%|12.74%|1
SP465 Rothia aeria (0.52%|0.44%|0.50%|0%
SP551 Bifidobacteriaceae_[G-2] bacteri
SP594 Alloscardovia urinalis (0%|0%|0%
SP342 Parascardovia denticolens (0%|0.
SP166 Scardovia wiggsiae (0.60%|1.08
SP621 Gardnerella vaginalis (0%|0%|0%
SP362 Bifidobacterium longum (0.00%|
SP507 Bifidobacterium breve (0%|0%|0
SP490 Bifidobacterium scardovii (0%|0
SP121 Bifidobacterium dentium (0.36%
SP422 Peptidiphaga sp._HMT_183 (1.32%|0.4
SP409 Peptidiphaga gingivicola (0.03%|0.06
SP76 Actinomyces sp._Oral_Taxon_848 (0.25
SP312 Schaalia meyeri (0.08%|0.10%|0.02
SP91 Schaalia georgiae (0.02%|0.06%|0.0
SP506 Schaalia sp._HMT_877 (0.02%|0%|
SP376 Schaalia sp._HMT_178 (0.00%|0%|
SP181 Actinomyces sp._Oral_Taxon_178 (
SP587 Schaalia turicensis (0%|0.00%|0%|
SP277 Schaalia cardiffensis (0.01%|0.01%
SP178 Schaalia lingnae_[Not_Validly_Publis
SP170 Actinomyces odontolyticus (0.21%|
SP334 Schaalia sp._HMT_172 (0%|0%|0.00
SP404 Schaalia odontolytica (0.01%|0.03%
SP241 Schaalia sp._HMT_180 (0.04%|0.04
SP262 Actinomyces sp._Oral_Taxon_180 (0
SP496 Actinomyces graevenitzii (0.01%|0%
SP494 Actinomyces radicidentis (0%|0%|0%
SP396 Actinomyces timonensis (0.07%|0.1
SP463 Actinomyces denticolens_Oral_Taxo
SP226 Actinomyces oricola (0.02%|0%|0.
SP310 Actinomyces massiliensis (0.28%|
SP361 Actinomyces sp._HMT_448 (5.70
SP293 Actinomyces israelii (0.75%|0.74
SP95 Actinomyces sp._HMT_897 (0.3
SP272 Actinomyces sp._HMT_414 (0.
SP286 Actinomyces dentalis (0.61%|
SP73 Actinomyces sp._HMT_525 (0.
SP115 Actinomyces sp._HMT_896 (0
SP171 Actinomyces sp._HMT_171 (0.56%|0
SP69 Actinomyces sp._HMT_170 (0.19%|0.3
SP26 Actinomyces johnsonii (0.09%|0.02%


SP172 Actinomyces naeslundii (0.23%|0.29
SP109 Actinomyces sp._Oral_Taxon_171 (0
SP249 Actinomyces oris (0.81%|0.49%|0.6
SP62 Actinomyces sp._HMT_175 (0.86%|1
SP147 Actinomyces viscosus (0.82%|0.82%
SP160 Actinomyces sp._HMT_169 (0.12%|
SP201 Actinomyces sp._str._ChDCB197 (1
SP366 Fusobacterium sp._HMT_248 (0%|0%|0
SP173 Fusobacterium periodonticum (0.09%
SP194 Fusobacterium sp._HMT_370 (0.04%|
SP595 Fusobacterium hwasookii (0%|0%|0%
SP82 Fusobacterium nucleatum_ss_polymor
SP359 Fusobacterium canifelinum (0.02%|0
SP297 Fusobacterium sp._HMT_203 (0.02%
SP19 Fusobacterium nucleatum_ss_nucleatu
SP84 Fusobacterium nucleatum_ss_animali
SP493 Fusobacterium nucleatum_subsp._a
SP20 Fusobacterium sp._HMT_204 (0.06%|
SP51 Fusobacterium nucleatum (1.56%|2.8
SP102 Fusobacterium nucleatum_subsp._vi
SP81 Fusobacterium nucleatum_ss_vincent
SP224 Fusobacteria_[G-1] sp._Oral_Ta
SP207 Leptotrichia sp._HMT_219 (0.01%|0.
SP564 Leptotrichia goodfellowii (0%|0%|0.0
SP531 Pseudoleptotrichia goodfellowii (0%|
SP191 Leptotrichia sp._HMT_221 (0.04%|0.0
SP80 Leptotrichia sp._HMT_392 (0.05%|0.
SP125 Leptotrichia sp._HMT_212 (0.08%|
SP259 Leptotrichia sp._HMT_215 (0.09%|
SP271 Leptotrichia sp._HMT_498 (0.15%
SP440 Leptotrichia sp._HMT_847 (0.01
SP429 Leptotrichia sp._HMT_218 (0%|0
SP206 Leptotrichia sp._HMT_225 (0.05%|0.
SP146 Leptotrichia buccalis (0.11%|0.07%
SP22 Leptotrichia hofstadii (0.04%|0.06%
SP444 Leptotrichia sp._HMT_909 (0.00%
SP161 Leptotrichia sp._HMT_223 (0.02%
SP566 Leptotrichia sp._HMT_463 (0.01%|
SP49 Leptotrichia wadei (0.57%|0.97%|1
SP220 Leptotrichia sp._HMT_417 (0.10%|
SP89 Leptotrichia sp._Oral_Taxon_B57 (0
SP420 Leptotrichia shahii (0.06%|0.04%|
SP479 Leptotrichia trevisanii (0.07%|0.0
SP18 Leptotrichia sp._AF189244.1 (0.35%
SP639 Ruminococcaceae_[G-3] bacterium_HMT_3
SP195 Ruminococcaceae_[G-2] bacterium_HMT
SP319 Ruminococcaceae_[G-1] bacterium_HMT


SP391 Lachnospiraceae_[G-8] bacterium_HMT_500
SP635 Lachnospiraceae_[G] sp._Oral_Taxon_A61 (0
SP536 Lachnospiraceae_[G] sp._Oral_Taxon_G33 (0.
SP392 Butyrivibrio sp._HMT_080 (0.02%|0.02%|0
SP446 Catonella sp._HMT_451 (0.03%|0.02%|0
SP118 Catonella morbi (0.14%|0.27%|0.21%|0%
SP106 Catonella sp._HMT_164 (0.01%|0.00%|0.
SP481 Lachnospiraceae_[G-7] bacterium_HMT_
SP261 Lachnospiraceae_[G-7] bacterium_HMT_
SP408 Oribacterium sp._HMT_102 (0.01%|0.01%
SP497 Lachnospiraceae_[G] sp._Oral_Taxon_B18
SP341 Oribacterium sinus (0.01%|0.03%|0.09%
SP213 Oribacterium sp._HMT_078 (0.01%|0%|
SP142 Oribacterium sp._Oral_Taxon_78 (0.20%
SP278 Shuttleworthia satelles (0.11%|0.11%|0
SP384 Stomatobaculum sp._HMT_373 (0%|0%|
SP520 Lachnospiraceae_[G] sp._Oral_Taxon_A1
SP544 Stomatobaculum sp._HMT_910 (0.02%|
SP75 Stomatobaculum sp._HMT_097 (0.09%|
SP105 Stomatobaculum longum (0.15%|0.35%
SP163 Lachnospiraceae_[G-2] bacterium_HMT_096
SP427 Lachnospiraceae_[G-2] bacterium_HMT_08
SP11 Lachnospiraceae_[G] sp._Oral_Taxon_B
SP97 Lachnospiraceae_[G-3] bacterium_HMT_
SP288 Johnsonella ignava (0.03%|0.00%|0
SP345 Johnsonella sp._HMT_166 (0.03%|0%|
SP347 Lachnoanaerobaculum sp._HMT_496 (0
SP516 Lachnoanaerobaculum sp._HMT_089 (0.
SP167 Lachnoanaerobaculum sp._HMT_083 (0
SP139 Lachnoanaerobaculum orale (0.10%|0.0
SP38 Lachnoanaerobaculum umeaense (0.04%
SP37 Lachnoanaerobaculum gingivalis (0.01%
SP589 Peptostreptococcaceae_[G] sp._Oral_Tax
SP210 Peptostreptococcaceae_[G] sp._Oral_Ta
SP398 Peptoniphilaceae_[G-1] bacterium_HMT
SP634 Finegoldia magna (0%|0%|0%|0%|0%|0.00
SP426 Clostridiales_[G] sp._Oral_Taxon_G74 (0
SP31 Parvimonas micra (1.61%|1.31%|1.33%|0%
SP633 Parvimonas sp._HMT_393 (0%|0%|0%|0%|
SP266 Parvimonas sp._HMT_110 (0.00%|0.10%|0
SP72 Parvimonas sp._Oral_Taxon_110 (0.05%|0.3
SP637 Clostridium butyricum (0%|0%|0%|0%|0%
SP403 Clostridiales_[F-1][G-1] bacterium_H
SP234 Filifactor alocis (0.12%|0.25%|0.18%|0
SP292 Eubacterium_[XI][G-7] yurii (0.04%
SP71 Peptoanaerobacter [Eubacterium]
SP187 unclassified_Peptostreptococcacea
SP188 unclassified_Peptostreptococcace
SP568 Peptostreptococcaceae_[XI][G-7]


SP296 Peptostreptococcus stomatis (0.11%|0.
SP99 Peptostreptococcaceae_[XI][G-9] [Eubact
SP423 Peptostreptococcaceae_[XI][G-2] bac
SP441 Peptostreptococcaceae_[G] sp._Oral_
SP532 Peptostreptococcaceae_[XI][G-4] ba
SP418 Peptostreptococcaceae_[XI][G-4] ba
SP556 Peptostreptococcaceae_[XI][G-3] ba
SP443 Peptostreptococcaceae_[XI][G-3] bact
SP579 Eubacterium_[XI][G] sp._Oral_Taxon_
SP153 Peptostreptococcaceae_[XI][G-5] [E
SP324 Mogibacterium timidum (0.20%|0
SP59 Mogibacterium vescum (0.03%|0.0
SP265 Mogibacterium neglectum (0.08%
SP114 Peptostreptococcaceae_[XI][G-1] [Eub
SP591 Peptostreptococcaceae_[XI][G-1] [Eub
SP394 Peptostreptococcaceae_[XI][G-1] b
SP462 Peptostreptococcaceae_[XI][G-
SP364 Peptostreptococcaceae_[XI][G-
SP93 Pseudoramibacter alactolyticus (0.06%|0.0
SP133 Peptococcus sp._Oral_Taxon_167 (0.08%|0
SP230 Peptococcus sp._HMT_167 (0.08%|0.12%|
SP586 Peptococcus sp._Oral_Taxon_D92 (0.01%|
SP236 Peptococcus sp._HMT_168 (0.03%|0.00%|
SP372 Manihot esculenta_Oral_Taxon_
SP596 Calycanthus floridus_Oral_Taxon_
SP113 Veillonella sp._HMT_780 (0.04%|0.01
SP629 Veillonella sp._HMT_917 (0%|0.01%
SP116 Veillonella atypica (0.12%|0.17%|0.0
SP88 Veillonella parvula (5.03%|4.48%|4.7
SP584 Veillonella dispar (0%|0%|0%|0%|0%
SP468 Dialister sp._HMT_119 (0.02%|0.02%
SP28 Dialister invisus (0.38%|0.53%|0.65%
SP554 Dialister pneumosintes (0%|0%|0
SP92 Megasphaera micronuciformis (0.11%|0
SP287 Anaeroglobus geminatus (0.17%|0.
SP270 Megasphaera sp._HMT_123 (0.01%
SP283 Colibacter massiliensis (0.03%|0.03
SP197 Veillonellaceae_[G-1] bacterium_HMT_
SP6 Veillonellaceae_[G-1] bacterium_HMT_1
SP250 Veillonellaceae_[G-1] bacterium_HMT
SP381 Veillonellaceae_[G-1] bacterium_HMT
SP609 Veillonellaceae_[G-1] bacterium_HMT
SP165 Veillonellaceae_[G-1] bacterium_HMT
SP447 Veillonellaceae_[G-1] sp._Oral_Taxon_
SP517 Veillonellaceae_[G-1] bacterium_HM
SP276 Veillonellaceae_[G-1] bacterium_HM
SP514 Mitsuokella sp._HMT_131 (0%|0%|0
SP267 Mitsuokella sp._Oral_Taxon_G68 (0.
SP317 Mitsuokella sp._HMT_521 (0.03%|0.0
SP21 Selenomonas sputigena (0.45%|0.52%
SP371 Selenomonas sp._HMT_134 (0.04%|0
SP306 Selenomonas sp._HMT_442 (0.08%|
SP25 Selenomonas sp._Oral_Taxon_G78 (0


SP638 Centipeda sp._Oral_Taxon_B01 (0%|0
SP344 Selenomonas sp._HMT_937 (0.04%|0
SP8 Selenomonas noxia (0.12%|0.29%|0.21
SP329 Selenomonas sp._HMT_133 (0.01%
SP180 Selenomonas artemidis (0.08%|0.
SP313 Selenomonas sp._HMT_137 (0.01%
SP96 Selenomonas sp._Oral_Taxon_137 (0
SP612 Selenomonas sp._Oral_Taxon_E5
SP501 Selenomonas sp._Oral_Taxon_E9
SP307 Selenomonas sp._Oral_Taxon_E20
SP583 Selenomonas sp._Oral_Taxon_E83
SP330 Selenomonas sp._HMT_146 (0.02%|0.
SP605 Selenomonas sp._HMT_936 (0%|0%|0
SP263 Selenomonas sp._HMT_919 (0.01%|0
SP23 Selenomonas sp._HMT_126 (0.02%|0%
SP331 Selenomonas sp._HMT_388 (0%|0%
SP335 Selenomonas sp._HMT_478 (0.01%|
SP239 Selenomonas sp._HMT_149 (0.01%
SP328 Selenomonas sp._HMT_136 (0.04%|
SP253 Selenomonas sp._HMT_481 (0.01%|0
SP476 Selenomonas sp._HMT_479 (0.01%|0
SP386 Centipeda periodontii (0.02%|0.01%
SP247 Centipeda sp._Oral_Taxon_D18 (0%
SP252 Selenomonas dianae (0.09%|0.01%
SP156 Selenomonas infelix (0.07%|0.05%|0
SP123 Selenomonas sp._HMT_138 (0.00%|0
SP488 Selenomonas sp._Oral_Taxon_E80 (
SP475 Selenomonas sp._HMT_892 (0.00%|
SP457 Selenomonas sp._HMT_920 (0%|0.0
SP57 Selenomonas flueggei (0.07%|0.04%
SP572 Selenomonas sp._Oral_Taxon_G00
SP487 Selenomonas sp._Oral_Taxon_G6
SP169 Selenomonas sp._Oral_Taxon_C
SP576 Selenomonas sp._Oral_Taxon_F2
SP480 Selenomonas sp._Oral_Taxon_G
SP416 Eggerthia catenaformis (0.06%|0
SP473 Erysipelotrichaceae_[G-1] bacteri
SP145 Erysipelotrichaceae_[G-1] bacteriu
SP279 Solobacterium moorei (0.09%|0.06%
SP168 Bulleidia extructa (0.06%|0.07%|0.
SP243 Mollicutes_[G-2] bacterium_HMT_
SP229 Mollicutes_[G-1] bacterium_
SP379 Mycoplasma salivarium (0.02%
SP343 Mycoplasma faucium (0.06%|0
SP600 Mycoplasmopsis Mycoplasm
SP350 Mycoplasma spermatophilu


SP631 Paenibacillus glucanolyticus (0%|0%|0%|0
SP552 Staphylococcus epidermidis (0%|0.00%|
SP585 Staphylococcus hominis (0%|0%|0%|0%
SP562 Staphylococcus haemolyticus (0%|0%|0
SP61 Gemella sanguinis (0.03%|0.00%|0.04
SP183 Gemella haemolysans (0.26%|0.11%|
SP45 Gemella moribillum (0.16%|0.20%|0.1
SP332 Gemella morbillorum (0.13%|0.27%|
SP613 Gemella sp._HMT_928 (0%|0%|0%
SP450 Gemella bergeri (0.04%|0.03%|0.0
SP256 Abiotrophia defectiva (0.15%|0.14%|0.
SP406 Granulicatella elegans (0.06%|0.03%|0
SP108 Granulicatella paradiacens (0.30%|0.17
SP107 Granulicatella adiacens (0.56%|0.40%|0
SP190 Lactobacillus salivarius (0.04%|0%|0%
SP365 Secundilactobacillus kimchicus (0.01
SP373 Lactobacillus johnsonii (0%|0%|0%
SP472 Lactobacillus delbrueckii (0%|0
SP413 Lactobacillus kalixensis (0.04%
SP77 Lactobacillus ultunensis (0%|0%
SP375 Lactobacillus crispatus (0%|0%
SP482 Lactobacillus acidophilus (0.00
SP577 Lactobacillus amylovorus (0.01
SP560 Lactobacillus kitasatonis (0.00
SP282 Lactococcus lactis (0%|0%|0%|0%
SP246 Streptococcus sobrinus (0.08%|0
SP100 Streptococcus mutans (4.27%|2.0
SP175 Streptococcus anginosus (0.84%|
SP94 Streptococcus intermedius (0.45%
SP53 Streptococcus constellatus (0.09%
SP154 Streptococcus sp._str._C150 (0.27
SP198 Streptococcus vestibularis (0.43%
SP538 Streptococcus thermophilus (0%|
SP374 Streptococcus salivarius (0.48%|0
SP610 Streptococcus lactarius (0%|0%|0
SP478 Streptococcus peroris (0.00%|0%|
SP15 Streptococcus cristatus (1.19%|0.9
SP430 Streptococcus sinensis (0%|0%|
SP545 Streptococcus cristatus_clade_88
SP390 Streptococcus sp._HMT_056 (0.03
SP64 Streptococcus gordonii (0.85%|0.9
SP128 Streptococcus sp._str._2136FAA (
SP17 Streptococcus sanguinis (2.75%|3.
SP442 Streptococcus sp._Oral_Taxon_B
SP219 Streptococcus australis (0.01%|0
SP46 Streptococcus sp._HMT_066 (0.01
SP454 Streptococcus koreensis (0%|0%
SP141 Streptococcus parasanguinis_I
SP393 Streptococcus sp._HMT_057 (0
SP5 Streptococcus parasanguinis_II (1
SP211 Streptococcus parasanguinis_c
SP508 Streptococcus sp._HMT_061 (0.0
SP209 Streptococcus sp._HMT_074 (0%
SP547 Streptococcus infantis_clade_431
SP464 Streptococcus oralis_subsp._den
SP87 Streptococcus infantis (0.01%|0.0
SP56 Streptococcus sp._str._C300 (3.52
SP303 Streptococcus sp._HMT_064 (0.2
SP164 Streptococcus pneumoniae (0%|
SP157 Streptococcus sp._str._M334 (0%
SP66 Streptococcus chosunense (0.03%
SP563 Streptococcus oralis_subsp._den
SP52 Streptococcus mitis (1.65%|2.25%
SP212 Streptococcus oralis_subsp._tigu
SP144 Streptococcus sp._Oral_Taxon_7
SP58 Streptococcus oralis (1.89%|1.50
SP620 Streptococcus oralis_subsp._tigu
Baseline.B.Plaque_1
12_Weeks.B.Plaque_1
24_Weeks.B.Plaque_2
Baseline.NA.Plaque_2
Baseline.A.Plaque_2
24_Weeks.B.Plaque_1
12_Weeks.A.Plaque_1
12_Weeks.A.Plaque_2
Baseline.B.Plaque_2
Baseline.A.Plaque_1
12_Weeks.B.Plaque_2
24_Weeks.A.Plaque_1
24_Weeks.A.Plaque_2
Baseline.NA.Plaque_1
substitutions/site
0
0.25
0.5
0.75
1