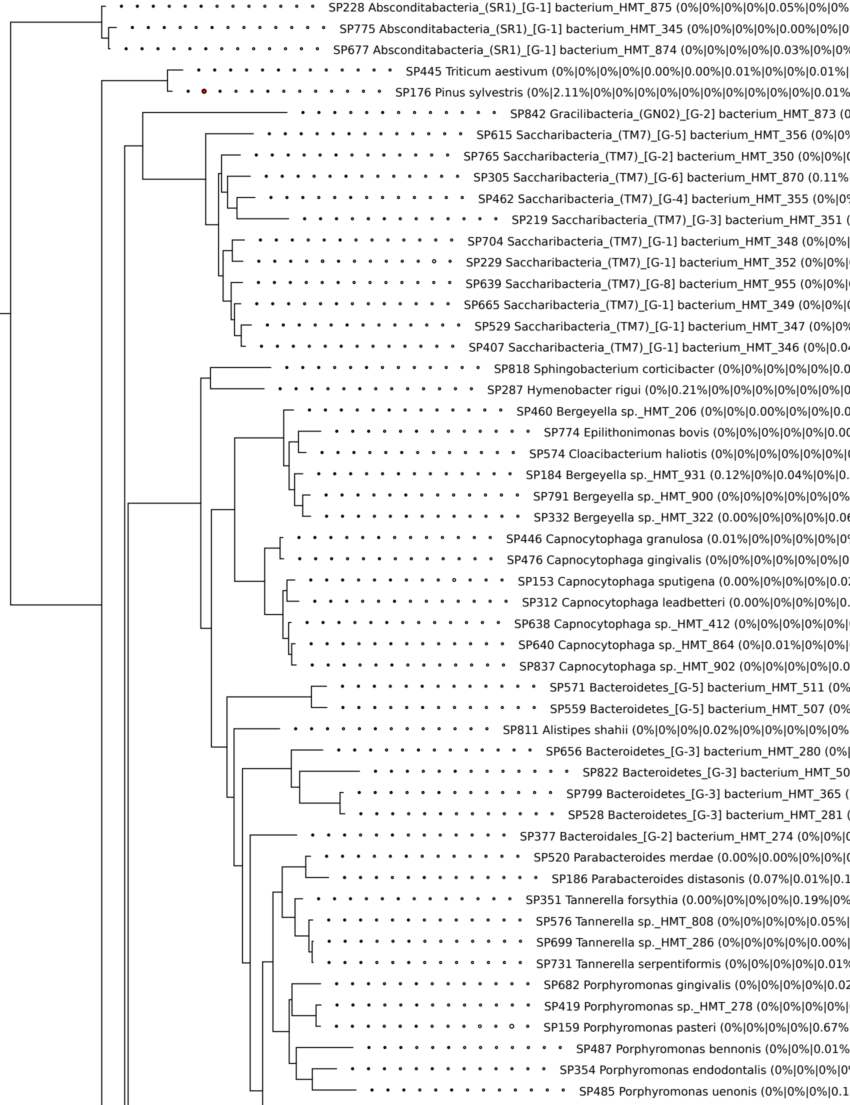
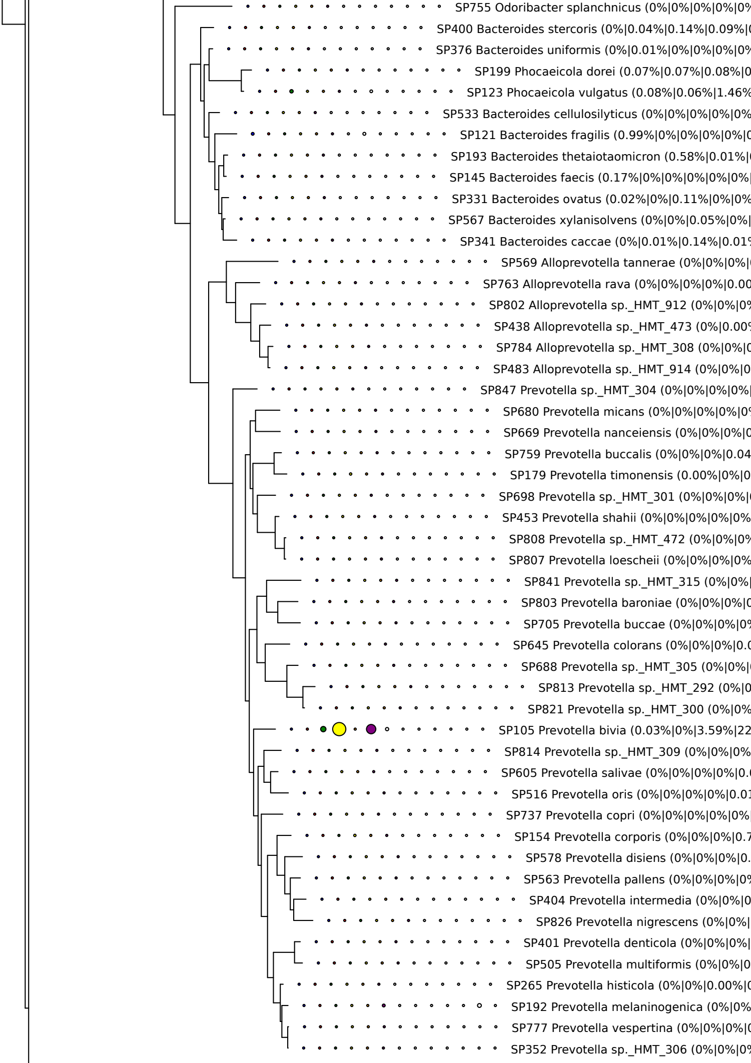
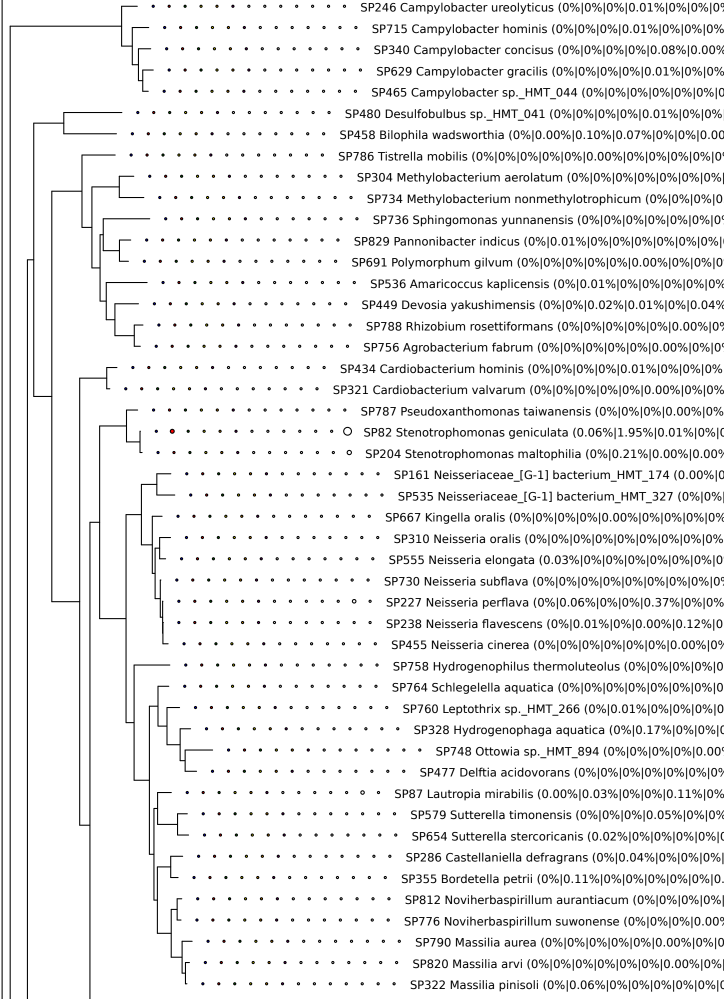
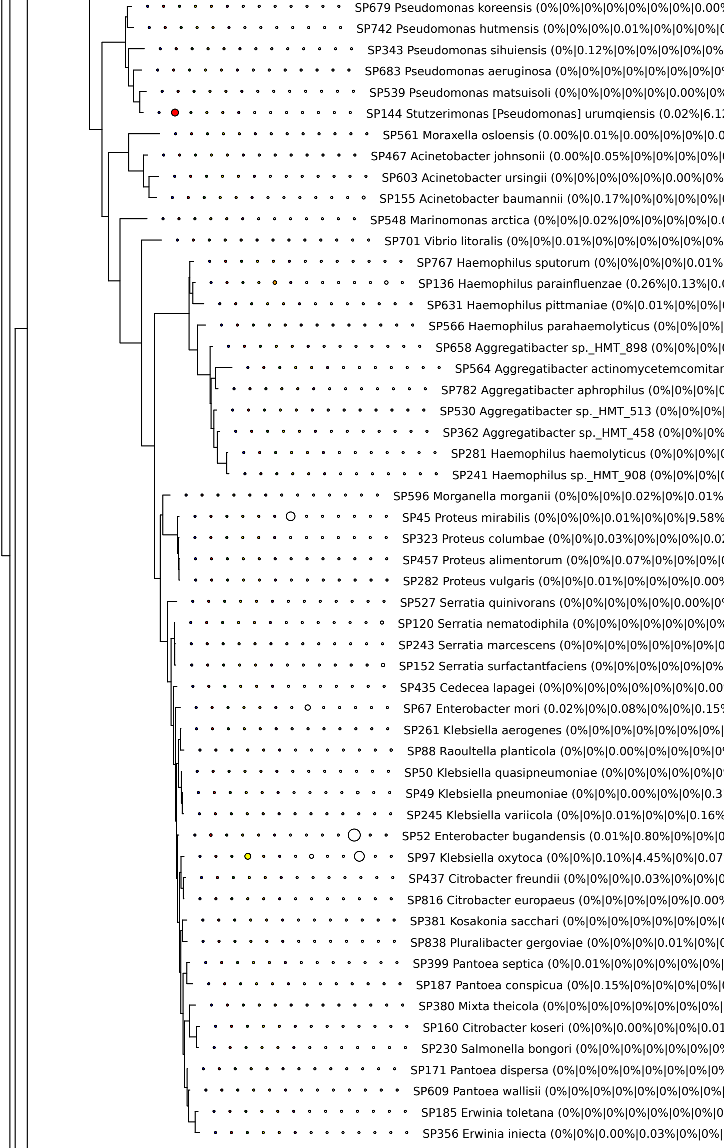
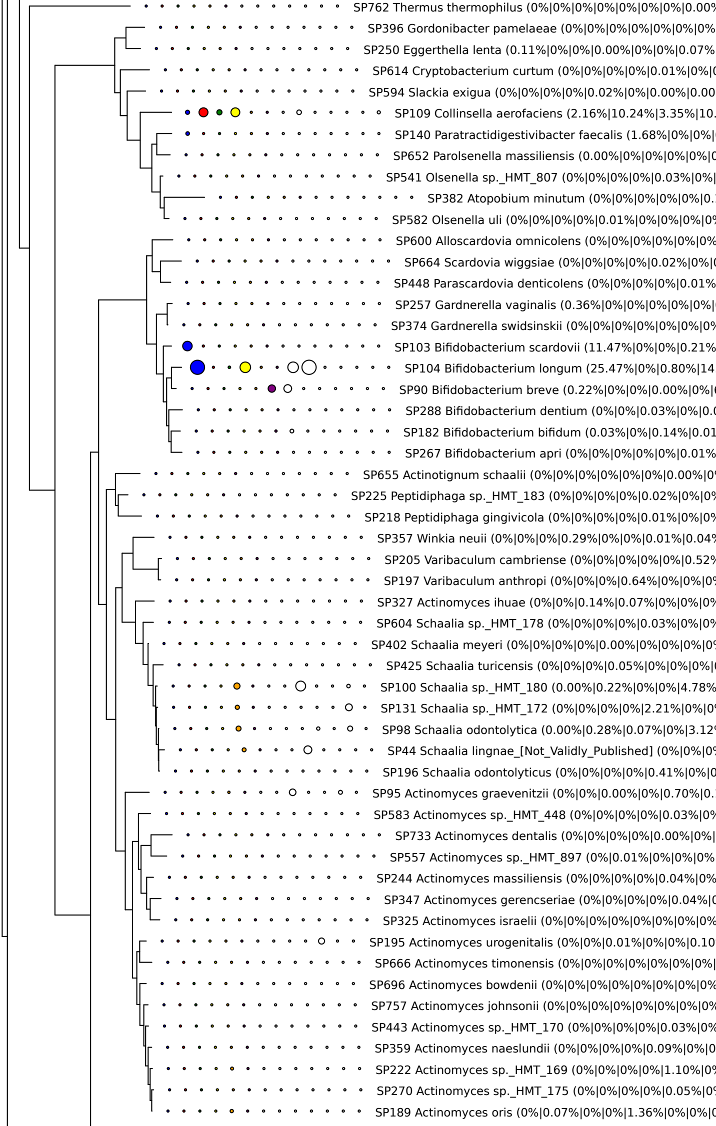

SP228 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_875 (0%|0%|0%|0%|0.05%|0%|0%
SP775 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_345 (0%|0%|0%|0%|0.00%|0%|0
SP677 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_874 (0%|0%|0%|0%|0.03%|0%|0%
SP445 Triticum aestivum (0%|0%|0%|0%|0.00%|0.00%|0.01%|0%|0%|0.01%|
SP176 Pinus sylvestris (0%|2.11%|0%|0%|0%|0%|0%|0%|0%|0%|0%|0%|0.01%
SP842 Gracilibacteria_(GN02)_[G-2] bacterium_HMT_873 (0
SP615 Saccharibacteria_(TM7)_[G-5] bacterium_HMT_356 (0%|0%
SP765 Saccharibacteria_(TM7)_[G-2] bacterium_HMT_350 (0%|0%|
SP305 Saccharibacteria_(TM7)_[G-6] bacterium_HMT_870 (0.11%
SP462 Saccharibacteria_(TM7)_[G-4] bacterium_HMT_355 (0%|0%
SP219 Saccharibacteria_(TM7)_[G-3] bacterium_HMT_351 (
SP704 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_348 (0%|0%|
SP229 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_352 (0%|0%|
SP639 Saccharibacteria_(TM7)_[G-8] bacterium_HMT_955 (0%|0%|
SP665 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_349 (0%|0%|
SP529 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_347 (0%|0%
SP407 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_346 (0%|0.0
SP818 Sphingobacterium corticibacter (0%|0%|0%|0%|0%|0.0
SP287 Hymenobacter rigui (0%|0.21%|0%|0%|0%|0%|0%|0%|0
SP460 Bergeyella sp._HMT_206 (0%|0%|0.00%|0%|0%|0.0
SP774 Epilithonimonas bovis (0%|0%|0%|0%|0%|0.00
SP574 Cloacibacterium haliotis (0%|0%|0%|0%|0%|0%|
SP184 Bergeyella sp._HMT_931 (0.12%|0%|0.04%|0%|0.
SP791 Bergeyella sp._HMT_900 (0%|0%|0%|0%|0%|0%
SP332 Bergeyella sp._HMT_322 (0.00%|0%|0%|0%|0.06
SP446 Capnocytophaga granulosa (0.01%|0%|0%|0%|0%|0
SP476 Capnocytophaga gingivalis (0%|0%|0%|0%|0%|0%|0
SP153 Capnocytophaga sputigena (0.00%|0%|0%|0%|0.0
SP312 Capnocytophaga leadbetteri (0.00%|0%|0%|0%|0.
SP638 Capnocytophaga sp._HMT_412 (0%|0%|0%|0%|0%|
SP640 Capnocytophaga sp._HMT_864 (0%|0.01%|0%|0%|
SP837 Capnocytophaga sp._HMT_902 (0%|0%|0%|0%|0.0
SP571 Bacteroidetes_[G-5] bacterium_HMT_511 (0%
SP559 Bacteroidetes_[G-5] bacterium_HMT_507 (0%
SP811 Alistipes shahii (0%|0%|0%|0.02%|0%|0%|0%|0%|0%
SP656 Bacteroidetes_[G-3] bacterium_HMT_280 (0%|
SP822 Bacteroidetes_[G-3] bacterium_HMT_50
SP799 Bacteroidetes_[G-3] bacterium_HMT_365 (
SP528 Bacteroidetes_[G-3] bacterium_HMT_281 (
SP377 Bacteroidales_[G-2] bacterium_HMT_274 (0%|0%|
SP520 Parabacteroides merdae (0.00%|0.00%|0%|0%|
SP186 Parabacteroides distasonis (0.07%|0.01%|0.1
SP351 Tannerella forsythia (0.00%|0%|0%|0%|0.19%|0%
SP576 Tannerella sp._HMT_808 (0%|0%|0%|0%|0.05%|
SP699 Tannerella sp._HMT_286 (0%|0%|0%|0%|0.00%|
SP731 Tannerella serpentiformis (0%|0%|0%|0%|0.01%
SP682 Porphyromonas gingivalis (0%|0%|0%|0%|0.0
SP419 Porphyromonas sp._HMT_278 (0%|0%|0%|0%|
SP159 Porphyromonas pasteri (0%|0%|0%|0%|0.67%
SP487 Porphyromonas bennonis (0%|0%|0.01%
SP354 Porphyromonas endodontalis (0%|0%|0%|0
SP485 Porphyromonas uenonis (0%|0%|0%|0.1

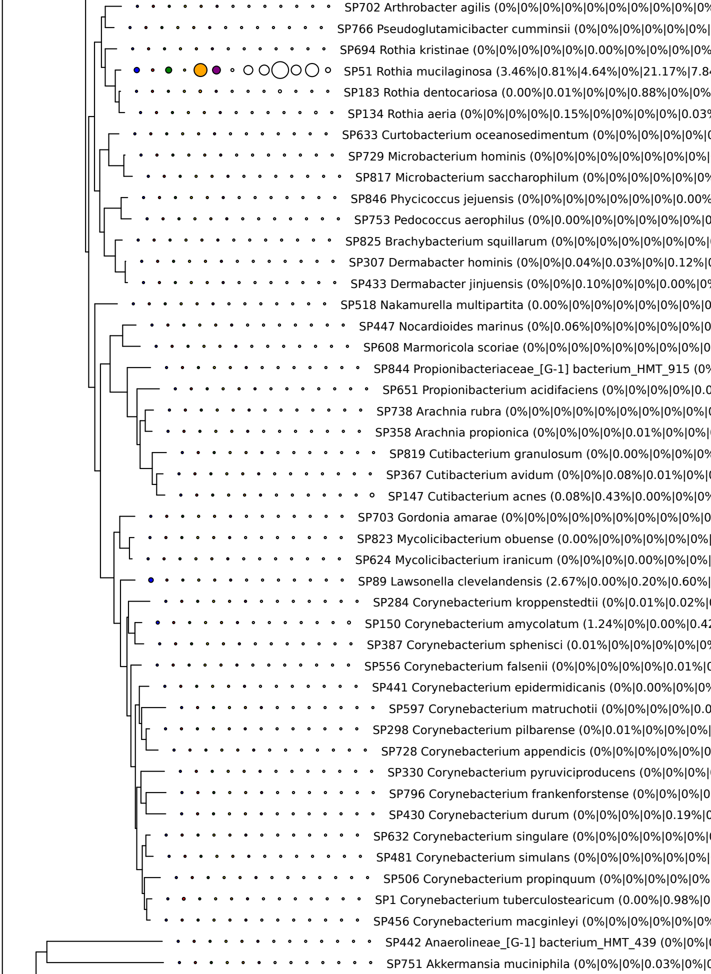

SP755 Odoribacter splanchnicus (0%|0%|0%|0%|0%
SP400 Bacteroides stercoris (0%|0.04%|0.14%|0.09%|
SP376 Bacteroides uniformis (0%|0.01%|0%|0%|0%|0%
SP199 Phocaeicola dorei (0.07%|0.07%|0.08%|0
SP123 Phocaeicola vulgatus (0.08%|0.06%|1.46%
SP533 Bacteroides cellulosilyticus (0%|0%|0%|0%|0%
SP121 Bacteroides fragilis (0.99%|0%|0%|0%|0%|0
SP193 Bacteroides thetaiotaomicron (0.58%|0.01%|
SP145 Bacteroides faecis (0.17%|0%|0%|0%|0%|0%|
SP331 Bacteroides ovatus (0.02%|0%|0.11%|0%|0%
SP567 Bacteroides xylanisolvens (0%|0%|0.05%|0%|
SP341 Bacteroides caccae (0%|0.01%|0.14%|0.01%
SP569 Alloprevotella tannerae (0%|0%|0%|
SP763 Alloprevotella rava (0%|0%|0%|0%|0.00
SP802 Alloprevotella sp._HMT_912 (0%|0%|0%
SP438 Alloprevotella sp._HMT_473 (0%|0.00%
SP784 Alloprevotella sp._HMT_308 (0%|0%|0
SP483 Alloprevotella sp._HMT_914 (0%|0%|0
SP847 Prevotella sp._HMT_304 (0%|0%|0%|0%|
SP680 Prevotella micans (0%|0%|0%|0%|0%
SP669 Prevotella nanceiensis (0%|0%|0%|0
SP759 Prevotella buccalis (0%|0%|0%|0.04
SP179 Prevotella timonensis (0.00%|0%|0
SP698 Prevotella sp._HMT_301 (0%|0%|0%|
SP453 Prevotella shahii (0%|0%|0%|0%|0%
SP808 Prevotella sp._HMT_472 (0%|0%|0%
SP807 Prevotella loescheii (0%|0%|0%|0%
SP841 Prevotella sp._HMT_315 (0%|0%|
SP803 Prevotella baroniae (0%|0%|0%|0
SP705 Prevotella buccae (0%|0%|0%|0%
SP645 Prevotella colorans (0%|0%|0%|0.0
SP688 Prevotella sp._HMT_305 (0%|0%|
SP813 Prevotella sp._HMT_292 (0%|0
SP821 Prevotella sp._HMT_300 (0%|0%
SP105 Prevotella bivia (0.03%|0%|3.59%|22
SP814 Prevotella sp._HMT_309 (0%|0%|0%
SP605 Prevotella salivae (0%|0%|0%|0%|0.
SP516 Prevotella oris (0%|0%|0%|0%|0.01
SP737 Prevotella copri (0%|0%|0%|0%|0%|
SP154 Prevotella corporis (0%|0%|0%|0.7
SP578 Prevotella disiens (0%|0%|0%|0.
SP563 Prevotella pallens (0%|0%|0%|0%
SP404 Prevotella intermedia (0%|0%|0
SP826 Prevotella nigrescens (0%|0%|
SP401 Prevotella denticola (0%|0%|0%|
SP505 Prevotella multiformis (0%|0%|0
SP265 Prevotella histicola (0%|0%|0.00%|0
SP192 Prevotella melaninogenica (0%|0%
SP777 Prevotella vespertina (0%|0%|0%|0
SP352 Prevotella sp._HMT_306 (0%|0%|0%

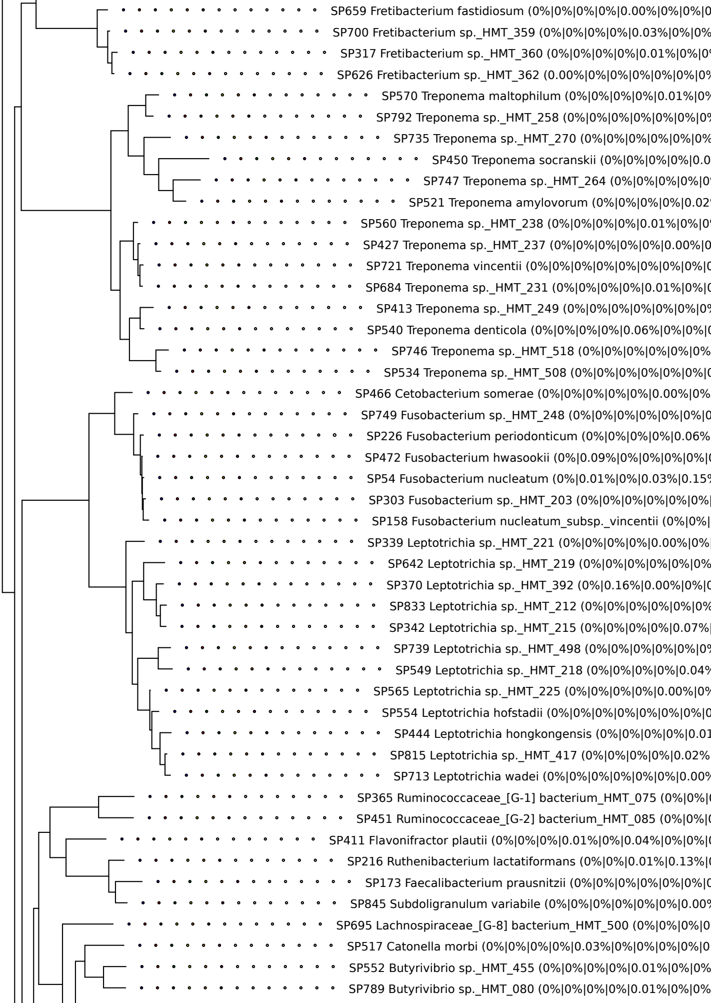

SP246 Campylobacter ureolyticus (0%|0%|0%|0.01%|0%|0%|0
SP715 Campylobacter hominis (0%|0%|0%|0.01%|0%|0%|0%
SP340 Campylobacter concisus (0%|0%|0%|0%|0.08%|0.00%
SP629 Campylobacter gracilis (0%|0%|0%|0%|0.01%|0%|0%
SP465 Campylobacter sp._HMT_044 (0%|0%|0%|0%|0%|0%|0
SP480 Desulfobulbus sp._HMT_041 (0%|0%|0%|0%|0.01%|0%|0%|
SP458 Bilophila wadsworthia (0%|0.00%|0.10%|0.07%|0%|0%|0.00
SP786 Tistrella mobilis (0%|0%|0%|0%|0%|0.00%|0%|0%|0%|0%|0
SP304 Methylobacterium aerolatum (0%|0%|0%|0%|0%|0%|0%|
SP734 Methylobacterium nonmethylotrophicum (0%|0%|0%|0
SP736 Sphingomonas yunnanensis (0%|0%|0%|0%|0%|0%|0
SP829 Pannonibacter indicus (0%|0.01%|0%|0%|0%|0%|0%|0%|
SP691 Polymorphum gilvum (0%|0%|0%|0%|0%|0.00%|0%|0%|0
SP536 Amaricoccus kaplicensis (0%|0.01%|0%|0%|0%|0%|0%
SP449 Devosia yakushimensis (0%|0%|0.02%|0.01%|0%|0.04%
SP788 Rhizobium rosettiformans (0%|0%|0%|0%|0%|0.00%|0
SP756 Agrobacterium fabrum (0%|0%|0%|0%|0%|0.00%|0%|0
SP434 Cardiobacterium hominis (0%|0%|0%|0%|0.01%|0%|0%|0%
SP321 Cardiobacterium valvarum (0%|0%|0%|0%|0%|0.00%|0%|0%
SP787 Pseudoxanthomonas taiwanensis (0%|0%|0%|0.00%|0%
SP82 Stenotrophomonas geniculata (0.06%|1.95%|0.01%|0%|0
SP204 Stenotrophomonas maltophilia (0%|0.21%|0.00%|0.00
SP161 Neisseriaceae_[G-1] bacterium_HMT_174 (0.00%|0
SP535 Neisseriaceae_[G-1] bacterium_HMT_327 (0%|0%|
SP667 Kingella oralis (0%|0%|0%|0%|0.00%|0%|0%|0%|0%
SP310 Neisseria oralis (0%|0%|0%|0%|0%|0%|0%|0%|0%
SP555 Neisseria elongata (0.03%|0%|0%|0%|0%|0%|0%|0
SP730 Neisseria subflava (0%|0%|0%|0%|0%|0%|0%|0%|0
SP227 Neisseria perflava (0%|0.06%|0%|0%|0.37%|0%|0%
SP238 Neisseria flavescens (0%|0.01%|0%|0.00%|0.12%|0
SP455 Neisseria cinerea (0%|0%|0%|0%|0%|0%|0.00%|0
SP758 Hydrogenophilus thermoluteolus (0%|0%|0%|0%|0
SP764 Schlegelella aquatica (0%|0%|0%|0%|0%|0%|0%|0
SP760 Leptothrix sp._HMT_266 (0%|0.01%|0%|0%|0%|0
SP328 Hydrogenophaga aquatica (0%|0.17%|0%|0%|0
SP748 Ottowia sp._HMT_894 (0%|0%|0%|0%|0.00
SP477 Delftia acidovorans (0%|0%|0%|0%|0%|0%|0
SP87 Lautropia mirabilis (0.00%|0.03%|0%|0%|0.11%|0%
SP579 Sutterella timonensis (0%|0%|0%|0.05%|0%|0%
SP654 Sutterella stercoricanis (0.02%|0%|0%|0%|0%|0
SP286 Castellaniella defragrans (0%|0.04%|0%|0%|0%|
SP355 Bordetella petrii (0%|0.11%|0%|0%|0%|0%|0%|0.
SP812 Noviherbaspirillum aurantiacum (0%|0%|0%|0%|
SP776 Noviherbaspirillum suwonense (0%|0%|0%|0.00
SP790 Massilia aurea (0%|0%|0%|0%|0%|0.00%|0%|0
SP820 Massilia arvi (0%|0%|0%|0%|0%|0%|0.00%|0%|
SP322 Massilia pinisoli (0%|0.06%|0%|0%|0%|0%|0%|0

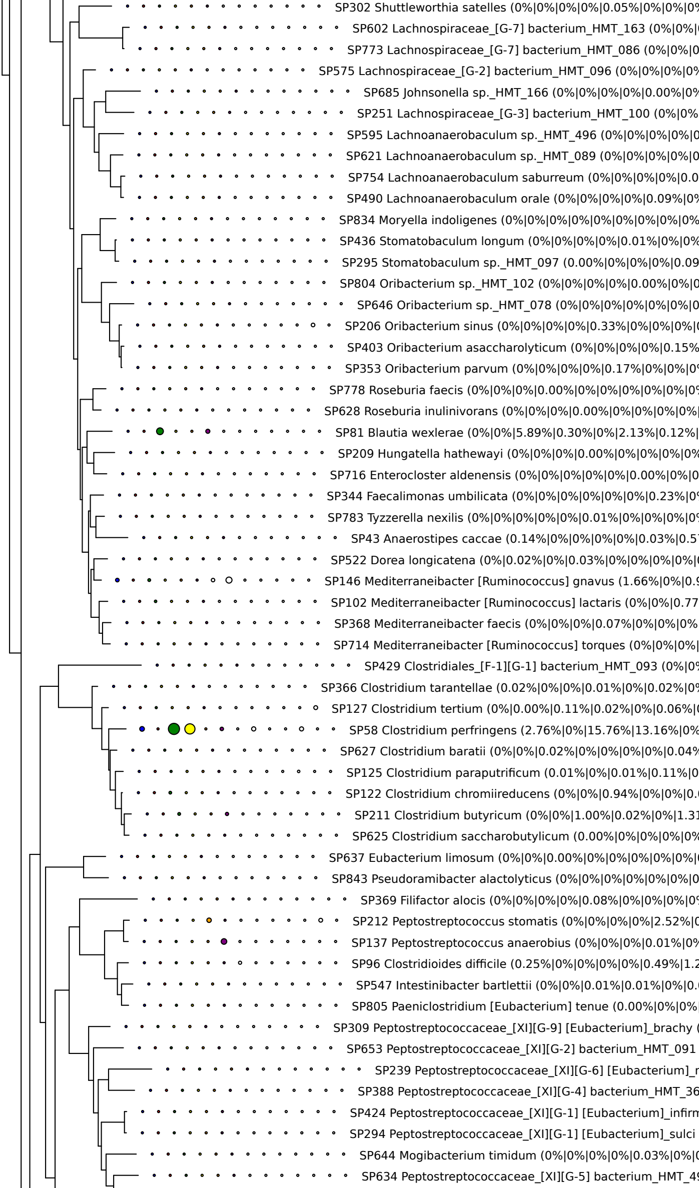


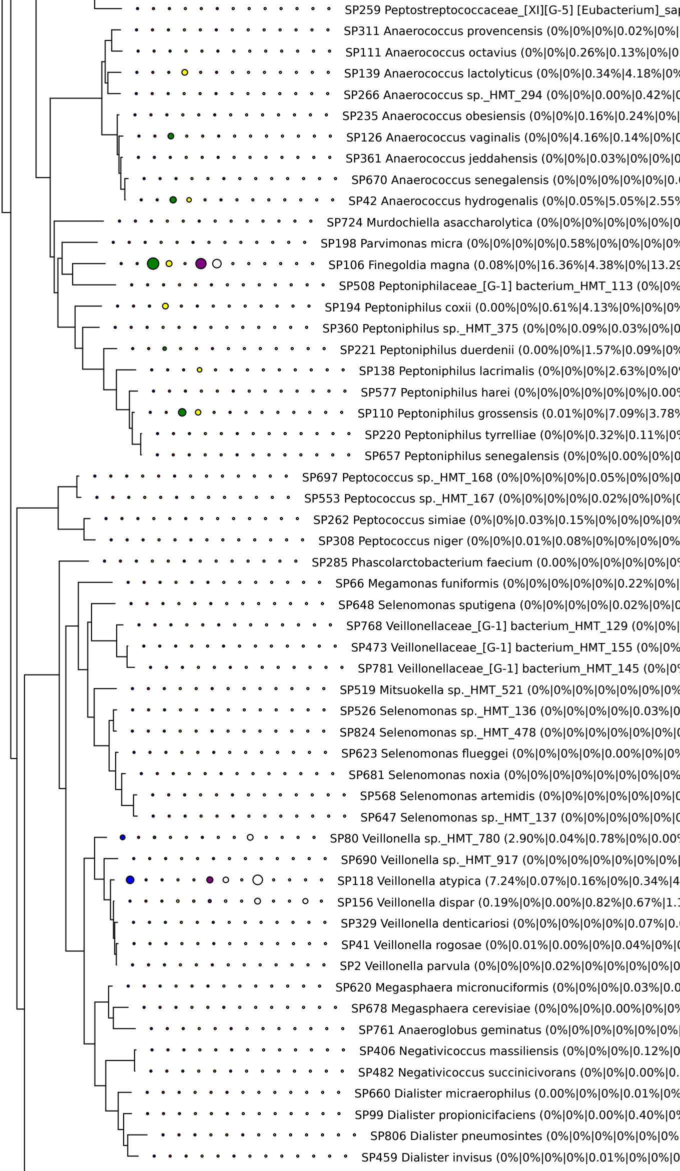
SP679 Pseudomonas koreensis (0%|0%|0%|0%|0%|0%|0%|0.00
SP742 Pseudomonas hutmensis (0%|0%|0%|0.01%|0%|0%|0%|0
SP343 Pseudomonas sihuiensis (0%|0.12%|0%|0%|0%|0%|0%
SP683 Pseudomonas aeruginosa (0%|0%|0%|0%|0%|0%|0%|0
SP539 Pseudomonas matsuisoli (0%|0%|0%|0%|0%|0.00%|0%
SP144 Stutzerimonas [Pseudomonas] urumqiensis (0.02%|6.1
SP561 Moraxella osloensis (0.00%|0.01%|0.00%|0%|0%|0.0
SP467 Acinetobacter johnsonii (0.00%|0.05%|0%|0%|0%|0%|
SP603 Acinetobacter ursingii (0%|0%|0%|0%|0%|0.00%|0%
SP155 Acinetobacter baumannii (0%|0.17%|0%|0%|0%|0%|
SP548 Marinomonas arctica (0%|0%|0.02%|0%|0%|0%|0.
SP701 Vibrio litoralis (0%|0%|0.01%|0%|0%|0%|0%|0%
SP767 Haemophilus sputorum (0%|0%|0%|0%|0.01%
SP136 Haemophilus parainfluenzae (0.26%|0.13%|0.
SP631 Haemophilus pittmaniae (0%|0.01%|0%|0%|
SP566 Haemophilus parahaemolyticus (0%|0%|0%|
SP658 Aggregatibacter sp._HMT_898 (0%|0%|0%|
SP564 Aggregatibacter actinomycetemcomitan
SP782 Aggregatibacter aphrophilus (0%|0%|0%|
SP530 Aggregatibacter sp._HMT_513 (0%|0%|0%
SP362 Aggregatibacter sp._HMT_458 (0%|0%|0%
SP281 Haemophilus haemolyticus (0%|0%|0%|
SP241 Haemophilus sp._HMT_908 (0%|0%|0%|
SP596 Morganella morganii (0%|0%|0%|0.02%|0%|0.01%
SP45 Proteus mirabilis (0%|0%|0%|0.01%|0%|0%|9.58%
SP323 Proteus columbae (0%|0%|0.03%|0%|0%|0%|0.0
SP457 Proteus alimentorum (0%|0%|0.07%|0%|0%|0%|
SP282 Proteus vulgaris (0%|0%|0.01%|0%|0%|0%|0.00
SP527 Serratia quinivorans (0%|0%|0%|0%|0%|0.00%|0
SP120 Serratia nematodiphila (0%|0%|0%|0%|0%|0%|0
SP243 Serratia marcescens (0%|0%|0%|0%|0%|0%|0%|
SP152 Serratia surfactantfaciens (0%|0%|0%|0%|0%|0%
SP435 Cedecea lapagei (0%|0%|0%|0%|0%|0%|0%|0.00
SP67 Enterobacter mori (0.02%|0%|0.08%|0%|0%|0.15
SP261 Klebsiella aerogenes (0%|0%|0%|0%|0%|0%|0%|
SP88 Raoultella planticola (0%|0%|0.00%|0%|0%|0%|0
SP50 Klebsiella quasipneumoniae (0%|0%|0%|0%|0%|0
SP49 Klebsiella pneumoniae (0%|0%|0.00%|0%|0%|0.3
SP245 Klebsiella variicola (0%|0%|0.01%|0%|0%|0.16
SP52 Enterobacter bugandensis (0.01%|0.80%|0%|0%|0
SP97 Klebsiella oxytoca (0%|0%|0.10%|4.45%|0%|0.07
SP437 Citrobacter freundii (0%|0%|0%|0.03%|0%|0%|0
SP816 Citrobacter europaeus (0%|0%|0%|0%|0%|0.00
SP381 Kosakonia sacchari (0%|0%|0%|0%|0%|0%|0%|
SP838 Pluralibacter gergoviae (0%|0%|0%|0.01%|0%|0
SP399 Pantoea septica (0%|0.01%|0%|0%|0%|0%|0%|
SP187 Pantoea conspicua (0%|0.15%|0%|0%|0%|0%|
SP380 Mixta theicola (0%|0%|0%|0%|0%|0%|0%|0%|
SP160 Citrobacter koseri (0%|0%|0.00%|0%|0%|0.01
SP230 Salmonella bongori (0%|0%|0%|0%|0%|0%|0%
SP171 Pantoea dispersa (0%|0%|0%|0%|0%|0%|0%|0%
SP609 Pantoea wallisii (0%|0%|0%|0%|0%|0%|0%|0%|
SP185 Erwinia toletana (0%|0%|0%|0%|0%|0%|0%|0
SP356 Erwinia iniecta (0%|0%|0.00%|0.03%|0%|0%|

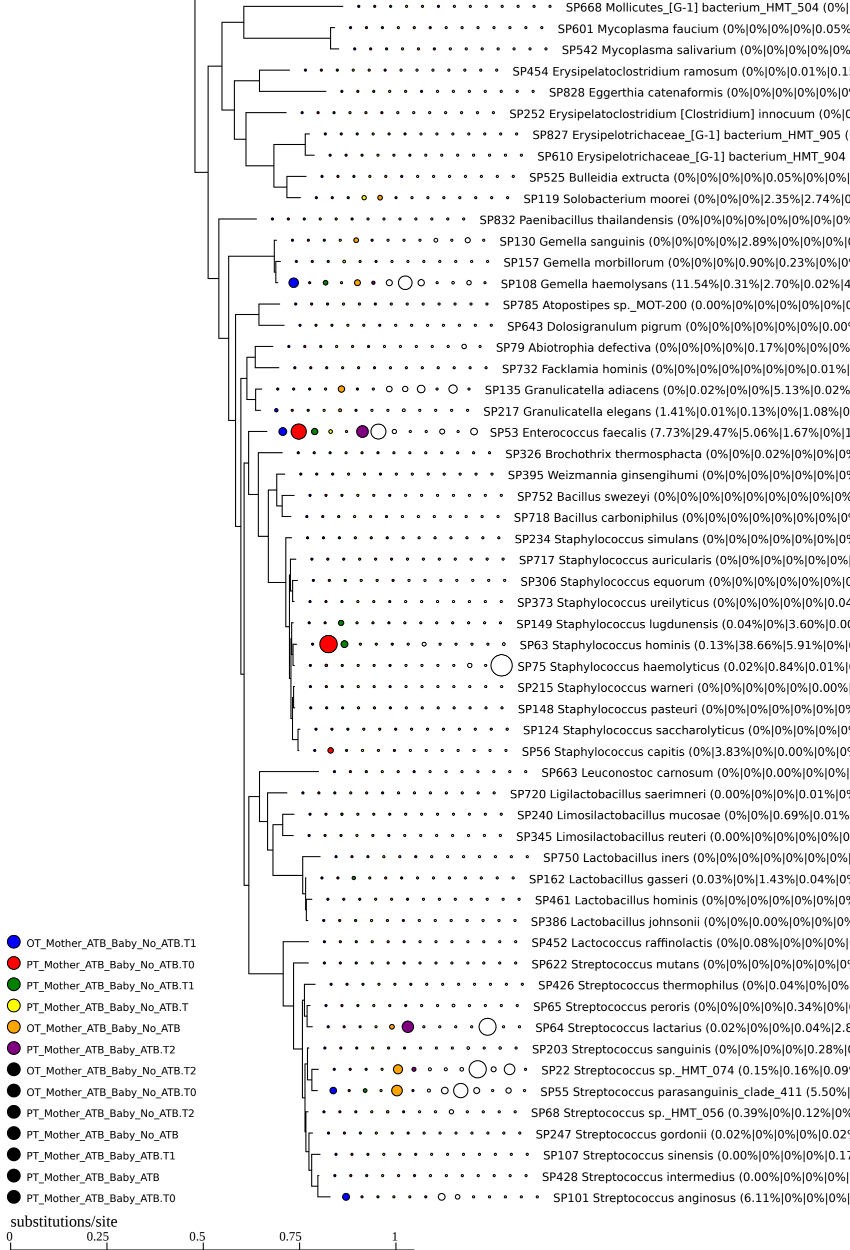

SP762 Thermus thermophilus (0%|0%|0%|0%|0%|0%|0%|0.00%
SP396 Gordonibacter pamelaeae (0%|0%|0%|0%|0%|0%|0%
SP250 Eggerthella lenta (0.11%|0%|0%|0.00%|0%|0%|0.07%
SP614 Cryptobacterium curtum (0%|0%|0%|0%|0.01%|0%|0
SP594 Slackia exigua (0%|0%|0%|0%|0.02%|0%|0.00%|0.00
SP109 Collinsella aerofaciens (2.16%|10.24%|3.35%|10.
SP140 Paratractidigestivibacter faecalis (1.68%|0%|0%|
SP652 Parolsenella massiliensis (0.00%|0%|0%|0%|0%|0
SP541 Olsenella sp._HMT_807 (0%|0%|0%|0%|0.03%|0%|
SP382 Atopobium minutum (0%|0%|0%|0%|0%|0.
SP582 Olsenella uli (0%|0%|0%|0%|0.01%|0%|0%|0%|0
SP600 Alloscardovia omnicolens (0%|0%|0%|0%|0%|0%|0%
SP664 Scardovia wiggsiae (0%|0%|0%|0%|0.02%|0%|
SP448 Parascardovia denticolens (0%|0%|0%|0%|0.01%
SP257 Gardnerella vaginalis (0.36%|0%|0%|0%|0%|0%|
SP374 Gardnerella swidsinskii (0%|0%|0%|0%|0%|0%|0%
SP103 Bifidobacterium scardovii (11.47%|0%|0%|0.21%
SP104 Bifidobacterium longum (25.47%|0%|0.80%|14.
SP90 Bifidobacterium breve (0.22%|0%|0%|0.00%|0%|
SP288 Bifidobacterium dentium (0%|0%|0.03%|0%|0.
SP182 Bifidobacterium bifidum (0.03%|0%|0.14%|0.01
SP267 Bifidobacterium apri (0%|0%|0%|0%|0%|0.01%
SP655 Actinotignum schaalii (0%|0%|0%|0%|0%|0%|0.00%|0
SP225 Peptidiphaga sp._HMT_183 (0%|0%|0%|0%|0.02%|0%|0
SP218 Peptidiphaga gingivicola (0%|0%|0%|0%|0.01%|0%|0
SP357 Winkia neuii (0%|0%|0%|0.29%|0%|0%|0.01%|0.04
SP205 Varibaculum cambriense (0%|0%|0%|0%|0%|0.52
SP197 Varibaculum anthropi (0%|0%|0%|0.64%|0%|0%|0
SP327 Actinomyces ihuae (0%|0%|0.14%|0.07%|0%|0%|0
SP604 Schaalia sp._HMT_178 (0%|0%|0%|0%|0.03%|0%|0
SP402 Schaalia meyeri (0%|0%|0%|0%|0.00%|0%|0%|0%|0
SP425 Schaalia turicensis (0%|0%|0%|0.05%|0%|0%|0%|
SP100 Schaalia sp._HMT_180 (0.00%|0.22%|0%|0%|4.78%
SP131 Schaalia sp._HMT_172 (0%|0%|0%|0%|2.21%|0%|0
SP98 Schaalia odontolytica (0.00%|0.28%|0.07%|0%|3.12
SP44 Schaalia lingnae_[Not_Validly_Published] (0%|0%|0
SP196 Schaalia odontolyticus (0%|0%|0%|0%|0.41%|0%|0
SP95 Actinomyces graevenitzii (0%|0%|0.00%|0%|0.70%|0.
SP583 Actinomyces sp._HMT_448 (0%|0%|0%|0%|0.03%|0
SP733 Actinomyces dentalis (0%|0%|0%|0%|0.00%|0%|
SP557 Actinomyces sp._HMT_897 (0%|0.01%|0%|0%|0%
SP244 Actinomyces massiliensis (0%|0%|0%|0%|0.04%|0
SP347 Actinomyces gerencseriae (0%|0%|0%|0%|0.04%|
SP325 Actinomyces israelii (0%|0%|0%|0%|0%|0%|0%|0
SP195 Actinomyces urogenitalis (0%|0%|0.01%|0%|0%|0.10
SP666 Actinomyces timonensis (0%|0%|0%|0%|0%|0%|0%|
SP696 Actinomyces bowdenii (0%|0%|0%|0%|0%|0%|0%|0
SP757 Actinomyces johnsonii (0%|0%|0%|0%|0%|0%|0%|0
SP443 Actinomyces sp._HMT_170 (0%|0%|0%|0%|0.03%|0
SP359 Actinomyces naeslundii (0%|0%|0%|0%|0.09%|0%|0
SP222 Actinomyces sp._HMT_169 (0%|0%|0%|0%|1.10%|0
SP270 Actinomyces sp._HMT_175 (0%|0%|0%|0%|0.05%|0
SP189 Actinomyces oris (0%|0.07%|0%|0%|1.36%|0%|0%|0


SP702 Arthrobacter agilis (0%|0%|0%|0%|0%|0%|0%|0%|0%|0%
SP766 Pseudoglutamicibacter cumminsii (0%|0%|0%|0%|0%|0%|
SP694 Rothia kristinae (0%|0%|0%|0%|0%|0.00%|0%|0%|0%|0%
SP51 Rothia mucilaginosa (3.46%|0.81%|4.64%|0%|21.17%|7.8
SP183 Rothia dentocariosa (0.00%|0.01%|0%|0%|0.88%|0%|0%
SP134 Rothia aeria (0%|0%|0%|0%|0.15%|0%|0%|0%|0%|0.03%
SP633 Curtobacterium oceanosedimentum (0%|0%|0%|0%|0%|
SP729 Microbacterium hominis (0%|0%|0%|0%|0%|0%|0%|0%|
SP817 Microbacterium saccharophilum (0%|0%|0%|0%|0%|0%
SP846 Phycicoccus jejuensis (0%|0%|0%|0%|0%|0%|0%|0.00%
SP753 Pedococcus aerophilus (0%|0.00%|0%|0%|0%|0%|0%|
SP825 Brachybacterium squillarum (0%|0%|0%|0%|0%|0%|0%|
SP307 Dermabacter hominis (0%|0%|0.04%|0.03%|0%|0.12%|
SP433 Dermabacter jinjuensis (0%|0%|0.10%|0%|0%|0.00%|0%
SP518 Nakamurella multipartita (0.00%|0%|0%|0%|0%|0%|0%|
SP447 Nocardioides marinus (0%|0.06%|0%|0%|0%|0%|0%|
SP608 Marmoricola scoriae (0%|0%|0%|0%|0%|0%|0%|0%|
SP844 Propionibacteriaceae_[G-1] bacterium_HMT_915 (0%
SP651 Propionibacterium acidifaciens (0%|0%|0%|0%|0.
SP738 Arachnia rubra (0%|0%|0%|0%|0%|0%|0%|0%|0%|
SP358 Arachnia propionica (0%|0%|0%|0%|0.01%|0%|0%|
SP819 Cutibacterium granulosum (0%|0.00%|0%|0%|0%
SP367 Cutibacterium avidum (0%|0%|0.08%|0.01%|0%|
SP147 Cutibacterium acnes (0.08%|0.43%|0.00%|0%|0%
SP703 Gordonia amarae (0%|0%|0%|0%|0%|0%|0%|0%|0%|
SP823 Mycolicibacterium obuense (0.00%|0%|0%|0%|0%|0%|
SP624 Mycolicibacterium iranicum (0%|0%|0%|0.00%|0%|0%|
SP89 Lawsonella clevelandensis (2.67%|0.00%|0.20%|0.60%|
SP284 Corynebacterium kroppenstedtii (0%|0.01%|0.02%|
SP150 Corynebacterium amycolatum (1.24%|0%|0.00%|0.4
SP387 Corynebacterium sphenisci (0.01%|0%|0%|0%|0%|0%
SP556 Corynebacterium falsenii (0%|0%|0%|0%|0%|0.01%|
SP441 Corynebacterium epidermidicanis (0%|0.00%|0%|0%
SP597 Corynebacterium matruchotii (0%|0%|0%|0%|0.
SP298 Corynebacterium pilbarense (0%|0.01%|0%|0%|0%|
SP728 Corynebacterium appendicis (0%|0%|0%|0%|0%|
SP330 Corynebacterium pyruviciproducens (0%|0%|0%|
SP796 Corynebacterium frankenforstense (0%|0%|0%|
SP430 Corynebacterium durum (0%|0%|0%|0%|0.19%|
SP632 Corynebacterium singulare (0%|0%|0%|0%|0%|0%|
SP481 Corynebacterium simulans (0%|0%|0%|0%|0%|0%|
SP506 Corynebacterium propinquum (0%|0%|0%|0%|0%
SP1 Corynebacterium tuberculostearicum (0.00%|0.98%|
SP456 Corynebacterium macginleyi (0%|0%|0%|0%|0%|0%
SP442 Anaerolineae_[G-1] bacterium_HMT_439 (0%|0%|
SP751 Akkermansia muciniphila (0%|0%|0%|0.03%|0%|


SP659 Fretibacterium fastidiosum (0%|0%|0%|0%|0.00%|0%|0%|0
SP700 Fretibacterium sp._HMT_359 (0%|0%|0%|0%|0.03%|0%|0%
SP317 Fretibacterium sp._HMT_360 (0%|0%|0%|0%|0.01%|0%|0
SP626 Fretibacterium sp._HMT_362 (0.00%|0%|0%|0%|0%|0%|0
SP570 Treponema maltophilum (0%|0%|0%|0%|0.01%|0
SP792 Treponema sp._HMT_258 (0%|0%|0%|0%|0%|0%|0
SP735 Treponema sp._HMT_270 (0%|0%|0%|0%|0%|0%
SP450 Treponema socranskii (0%|0%|0%|0%|0.0
SP747 Treponema sp._HMT_264 (0%|0%|0%|0%|0
SP521 Treponema amylovorum (0%|0%|0%|0%|0.02
SP560 Treponema sp._HMT_238 (0%|0%|0%|0%|0.01%|0%|0
SP427 Treponema sp._HMT_237 (0%|0%|0%|0%|0%|0.00%|0
SP721 Treponema vincentii (0%|0%|0%|0%|0%|0%|0%|0
SP684 Treponema sp._HMT_231 (0%|0%|0%|0%|0.01%|0%|0
SP413 Treponema sp._HMT_249 (0%|0%|0%|0%|0%|0%|0
SP540 Treponema denticola (0%|0%|0%|0%|0.06%|0%|0%|0
SP746 Treponema sp._HMT_518 (0%|0%|0%|0%|0%|0%
SP534 Treponema sp._HMT_508 (0%|0%|0%|0%|0%|0%|0
SP466 Cetobacterium somerae (0%|0%|0%|0%|0%|0.00%|0%
SP749 Fusobacterium sp._HMT_248 (0%|0%|0%|0%|0%|0%|0
SP226 Fusobacterium periodonticum (0%|0%|0%|0%|0.06%
SP472 Fusobacterium hwasookii (0%|0.09%|0%|0%|0%|0%|0
SP54 Fusobacterium nucleatum (0%|0.01%|0%|0.03%|0.15%
SP303 Fusobacterium sp._HMT_203 (0%|0%|0%|0%|0%|0%|
SP158 Fusobacterium nucleatum_subsp._vincentii (0%|0%|
SP339 Leptotrichia sp._HMT_221 (0%|0%|0%|0%|0.00%|0%|
SP642 Leptotrichia sp._HMT_219 (0%|0%|0%|0%|0%|0%
SP370 Leptotrichia sp._HMT_392 (0%|0.16%|0.00%|0%|0
SP833 Leptotrichia sp._HMT_212 (0%|0%|0%|0%|0%|0%
SP342 Leptotrichia sp._HMT_215 (0%|0%|0%|0%|0.07%|
SP739 Leptotrichia sp._HMT_498 (0%|0%|0%|0%|0%|0%
SP549 Leptotrichia sp._HMT_218 (0%|0%|0%|0%|0.04%
SP565 Leptotrichia sp._HMT_225 (0%|0%|0%|0%|0.00%|0%
SP554 Leptotrichia hofstadii (0%|0%|0%|0%|0%|0%|0%|0
SP444 Leptotrichia hongkongensis (0%|0%|0%|0%|0.01
SP815 Leptotrichia sp._HMT_417 (0%|0%|0%|0%|0.02%
SP713 Leptotrichia wadei (0%|0%|0%|0%|0%|0%|0.00%
SP365 Ruminococcaceae_[G-1] bacterium_HMT_075 (0%|0%|0
SP451 Ruminococcaceae_[G-2] bacterium_HMT_085 (0%|0%|0
SP411 Flavonifractor plautii (0%|0%|0%|0.01%|0%|0.04%|0%|0%|0
SP216 Ruthenibacterium lactatiformans (0%|0%|0.01%|0.13%|0
SP173 Faecalibacterium prausnitzii (0%|0%|0%|0%|0%|0%|0
SP845 Subdoligranulum variabile (0%|0%|0%|0%|0%|0%|0.00%
SP695 Lachnospiraceae_[G-8] bacterium_HMT_500 (0%|0%|0%|0
SP517 Catonella morbi (0%|0%|0%|0%|0.03%|0%|0%|0%|0%|0
SP552 Butyrivibrio sp._HMT_455 (0%|0%|0%|0%|0.01%|0%|0%
SP789 Butyrivibrio sp._HMT_080 (0%|0%|0%|0%|0.01%|0%|0%


SP302 Shuttleworthia satelles (0%|0%|0%|0%|0.05%|0%|0%|0
SP602 Lachnospiraceae_[G-7] bacterium_HMT_163 (0%|0%|
SP773 Lachnospiraceae_[G-7] bacterium_HMT_086 (0%|0%|0
SP575 Lachnospiraceae_[G-2] bacterium_HMT_096 (0%|0%|0%|0
SP685 Johnsonella sp._HMT_166 (0%|0%|0%|0%|0.00%|0
SP251 Lachnospiraceae_[G-3] bacterium_HMT_100 (0%|0%
SP595 Lachnoanaerobaculum sp._HMT_496 (0%|0%|0%|0%|0
SP621 Lachnoanaerobaculum sp._HMT_089 (0%|0%|0%|0%|0
SP754 Lachnoanaerobaculum saburreum (0%|0%|0%|0%|0.0
SP490 Lachnoanaerobaculum orale (0%|0%|0%|0%|0.09%|0
SP834 Moryella indoligenes (0%|0%|0%|0%|0%|0%|0%|0%|0
SP436 Stomatobaculum longum (0%|0%|0%|0%|0.01%|0%|0
SP295 Stomatobaculum sp._HMT_097 (0.00%|0%|0%|0%|0.09
SP804 Oribacterium sp._HMT_102 (0%|0%|0%|0%|0.00%|0%|0
SP646 Oribacterium sp._HMT_078 (0%|0%|0%|0%|0%|0%|0
SP206 Oribacterium sinus (0%|0%|0%|0%|0.33%|0%|0%|0%|
SP403 Oribacterium asaccharolyticum (0%|0%|0%|0%|0.15%
SP353 Oribacterium parvum (0%|0%|0%|0%|0.17%|0%|0%|0
SP778 Roseburia faecis (0%|0%|0%|0.00%|0%|0%|0%|0%|0
SP628 Roseburia inulinivorans (0%|0%|0%|0.00%|0%|0%|0%|0%
SP81 Blautia wexlerae (0%|0%|5.89%|0.30%|0%|2.13%|0.12%|
SP209 Hungatella hathewayi (0%|0%|0%|0.00%|0%|0%|0%|0
SP716 Enterocloster aldenensis (0%|0%|0%|0%|0%|0.00%|0%|0
SP344 Faecalimonas umbilicata (0%|0%|0%|0%|0%|0%|0.23%|0
SP783 Tyzzerella nexilis (0%|0%|0%|0%|0%|0.01%|0%|0%|0
SP43 Anaerostipes caccae (0.14%|0%|0%|0%|0%|0.03%|0.5
SP522 Dorea longicatena (0%|0.02%|0%|0.03%|0%|0%|0%|0%|
SP146 Mediterraneibacter [Ruminococcus] gnavus (1.66%|0%|0.
SP102 Mediterraneibacter [Ruminococcus] lactaris (0%|0%|0.77
SP368 Mediterraneibacter faecis (0%|0%|0%|0.07%|0%|0%|0%
SP714 Mediterraneibacter [Ruminococcus] torques (0%|0%|0%|
SP429 Clostridiales_[F-1][G-1] bacterium_HMT_093 (0%|0
SP366 Clostridium tarantellae (0.02%|0%|0%|0.01%|0%|0.02%|0
SP127 Clostridium tertium (0%|0.00%|0.11%|0.02%|0%|0.06%|
SP58 Clostridium perfringens (2.76%|0%|15.76%|13.16%|0%
SP627 Clostridium baratii (0%|0%|0.02%|0%|0%|0%|0%|0.04%
SP125 Clostridium paraputrificum (0.01%|0%|0.01%|0.11%|0
SP122 Clostridium chromiireducens (0%|0%|0.94%|0%|0%|0.
SP211 Clostridium butyricum (0%|0%|1.00%|0.02%|0%|1.31
SP625 Clostridium saccharobutylicum (0.00%|0%|0%|0%|0%|0
SP637 Eubacterium limosum (0%|0%|0.00%|0%|0%|0%|0%|0%|
SP843 Pseudoramibacter alactolyticus (0%|0%|0%|0%|0%|0%|0
SP369 Filifactor alocis (0%|0%|0%|0%|0.08%|0%|0%|0%|0
SP212 Peptostreptococcus stomatis (0%|0%|0%|0%|2.52%|0
SP137 Peptostreptococcus anaerobius (0%|0%|0%|0.01%|0
SP96 Clostridioides difficile (0.25%|0%|0%|0%|0%|0.49%|1.2
SP547 Intestinibacter bartlettii (0%|0%|0.01%|0.01%|0%|0.
SP805 Paeniclostridium [Eubacterium] tenue (0.00%|0%|0%
SP309 Peptostreptococcaceae_[XI][G-9] [Eubacterium]_brachy
SP653 Peptostreptococcaceae_[XI][G-2] bacterium_HMT_091
SP239 Peptostreptococcaceae_[XI][G-6] [Eubacterium]_
SP388 Peptostreptococcaceae_[XI][G-4] bacterium_HMT_36
SP424 Peptostreptococcaceae_[XI][G-1] [Eubacterium]_infirm
SP294 Peptostreptococcaceae_[XI][G-1] [Eubacterium]_sulci
SP644 Mogibacterium timidum (0%|0%|0%|0%|0.03%|0%|0
SP634 Peptostreptococcaceae_[XI][G-5] bacterium_HMT_4


SP259 Peptostreptococcaceae_[XI][G-5] [Eubacterium]_sap
SP311 Anaerococcus provencensis (0%|0%|0%|0.02%|0%|
SP111 Anaerococcus octavius (0%|0%|0.26%|0.13%|0%|0
SP139 Anaerococcus lactolyticus (0%|0%|0.34%|4.18%|0%
SP266 Anaerococcus sp._HMT_294 (0%|0%|0.00%|0.42%|0
SP235 Anaerococcus obesiensis (0%|0%|0.16%|0.24%|0%|
SP126 Anaerococcus vaginalis (0%|0%|4.16%|0.14%|0%|0
SP361 Anaerococcus jeddahensis (0%|0%|0.03%|0%|0%|0
SP670 Anaerococcus senegalensis (0%|0%|0%|0%|0%|0.
SP42 Anaerococcus hydrogenalis (0%|0.05%|5.05%|2.55%
SP724 Murdochiella asaccharolytica (0%|0%|0%|0%|0%|0%|0
SP198 Parvimonas micra (0%|0%|0%|0%|0.58%|0%|0%|0%|0%
SP106 Finegoldia magna (0.08%|0%|16.36%|4.38%|0%|13.29
SP508 Peptoniphilaceae_[G-1] bacterium_HMT_113 (0%|0%
SP194 Peptoniphilus coxii (0.00%|0%|0.61%|4.13%|0%|0%|0%
SP360 Peptoniphilus sp._HMT_375 (0%|0%|0.09%|0.03%|0%|0
SP221 Peptoniphilus duerdenii (0.00%|0%|1.57%|0.09%|0%
SP138 Peptoniphilus lacrimalis (0%|0%|0%|2.63%|0%|0%
SP577 Peptoniphilus harei (0%|0%|0%|0%|0%|0%|0.00%
SP110 Peptoniphilus grossensis (0.01%|0%|7.09%|3.78%
SP220 Peptoniphilus tyrrelliae (0%|0%|0.32%|0.11%|0%
SP657 Peptoniphilus senegalensis (0%|0%|0.00%|0%|0
SP697 Peptococcus sp._HMT_168 (0%|0%|0%|0%|0.05%|0%|0%|0
SP553 Peptococcus sp._HMT_167 (0%|0%|0%|0%|0.02%|0%|0%|0
SP262 Peptococcus simiae (0%|0%|0.03%|0.15%|0%|0%|0%|0%
SP308 Peptococcus niger (0%|0%|0.01%|0.08%|0%|0%|0%|0%
SP285 Phascolarctobacterium faecium (0.00%|0%|0%|0%|0%|0%
SP66 Megamonas funiformis (0%|0%|0%|0%|0%|0.22%|0%|
SP648 Selenomonas sputigena (0%|0%|0%|0%|0.02%|0%|0
SP768 Veillonellaceae_[G-1] bacterium_HMT_129 (0%|0%|
SP473 Veillonellaceae_[G-1] bacterium_HMT_155 (0%|0%
SP781 Veillonellaceae_[G-1] bacterium_HMT_145 (0%|0%
SP519 Mitsuokella sp._HMT_521 (0%|0%|0%|0%|0%|0%|0%
SP526 Selenomonas sp._HMT_136 (0%|0%|0%|0%|0.03%|0
SP824 Selenomonas sp._HMT_478 (0%|0%|0%|0%|0%|0%|0
SP623 Selenomonas flueggei (0%|0%|0%|0%|0.00%|0%|0%
SP681 Selenomonas noxia (0%|0%|0%|0%|0%|0%|0%|0%
SP568 Selenomonas artemidis (0%|0%|0%|0%|0%|0%|0
SP647 Selenomonas sp._HMT_137 (0%|0%|0%|0%|0%|0
SP80 Veillonella sp._HMT_780 (2.90%|0.04%|0.78%|0%|0.00%
SP690 Veillonella sp._HMT_917 (0%|0%|0%|0%|0%|0%|0%|
SP118 Veillonella atypica (7.24%|0.07%|0.16%|0%|0.34%|4
SP156 Veillonella dispar (0.19%|0%|0.00%|0.82%|0.67%|1.1
SP329 Veillonella denticariosi (0%|0%|0%|0%|0%|0.07%|0.
SP41 Veillonella rogosae (0%|0.01%|0.00%|0%|0.04%|0%|0
SP2 Veillonella parvula (0%|0%|0%|0.02%|0%|0%|0%|0%|0
SP620 Megasphaera micronuciformis (0%|0%|0%|0.03%|0.0
SP678 Megasphaera cerevisiae (0%|0%|0%|0.00%|0%|0%
SP761 Anaeroglobus geminatus (0%|0%|0%|0%|0%|0%|
SP406 Negativicoccus massiliensis (0%|0%|0%|0.12%|0
SP482 Negativicoccus succinicivorans (0%|0%|0.00%|0.
SP660 Dialister micraerophilus (0.00%|0%|0%|0.01%|0%
SP99 Dialister propionicifaciens (0%|0%|0.00%|0.40%|0%
SP806 Dialister pneumosintes (0%|0%|0%|0%|0%|0%
SP459 Dialister invisus (0%|0%|0%|0%|0.01%|0%|0%|0


SP668 Mollicutes_[G-1] bacterium_HMT_504 (0%|
SP601 Mycoplasma faucium (0%|0%|0%|0%|0.05%
SP542 Mycoplasma salivarium (0%|0%|0%|0%|0%
SP454 Erysipelatoclostridium ramosum (0%|0%|0.01%|0.1
SP828 Eggerthia catenaformis (0%|0%|0%|0%|0%|0
SP252 Erysipelatoclostridium [Clostridium] innocuum (0%|0
SP827 Erysipelotrichaceae_[G-1] bacterium_HMT_905 (
SP610 Erysipelotrichaceae_[G-1] bacterium_HMT_904
SP525 Bulleidia extructa (0%|0%|0%|0%|0.05%|0%|0%|
SP119 Solobacterium moorei (0%|0%|0%|2.35%|2.74%|0
SP832 Paenibacillus thailandensis (0%|0%|0%|0%|0%|0%|0%|0
SP130 Gemella sanguinis (0%|0%|0%|0%|2.89%|0%|0%|0%|
SP157 Gemella morbillorum (0%|0%|0%|0.90%|0.23%|0%|0
SP108 Gemella haemolysans (11.54%|0.31%|2.70%|0.02%|4
SP785 Atopostipes sp._MOT-200 (0.00%|0%|0%|0%|0%|0%|0
SP643 Dolosigranulum pigrum (0%|0%|0%|0%|0%|0%|0.00
SP79 Abiotrophia defectiva (0%|0%|0%|0%|0.17%|0%|0%|0%
SP732 Facklamia hominis (0%|0%|0%|0%|0%|0%|0%|0.01%|
SP135 Granulicatella adiacens (0%|0.02%|0%|0%|5.13%|0.02%
SP217 Granulicatella elegans (1.41%|0.01%|0.13%|0%|1.08%|0
SP53 Enterococcus faecalis (7.73%|29.47%|5.06%|1.67%|0%|1
SP326 Brochothrix thermosphacta (0%|0%|0.02%|0%|0%|0
SP395 Weizmannia ginsengihumi (0%|0%|0%|0%|0%|0%|0
SP752 Bacillus swezeyi (0%|0%|0%|0%|0%|0%|0%|0%|
SP718 Bacillus carboniphilus (0%|0%|0%|0%|0%|0%|0%|0
SP234 Staphylococcus simulans (0%|0%|0%|0%|0%|0%|0
SP717 Staphylococcus auricularis (0%|0%|0%|0%|0%|0%|
SP306 Staphylococcus equorum (0%|0%|0%|0%|0%|0%|0
SP373 Staphylococcus ureilyticus (0%|0%|0%|0%|0%|0.04
SP149 Staphylococcus lugdunensis (0.04%|0%|3.60%|0.00
SP63 Staphylococcus hominis (0.13%|38.66%|5.91%|0%|
SP75 Staphylococcus haemolyticus (0.02%|0.84%|0.01%|
SP215 Staphylococcus warneri (0%|0%|0%|0%|0%|0.00%|
SP148 Staphylococcus pasteuri (0%|0%|0%|0%|0%|0%|0
SP124 Staphylococcus saccharolyticus (0%|0%|0%|0%|0
SP56 Staphylococcus capitis (0%|3.83%|0%|0.00%|0%|0
SP663 Leuconostoc carnosum (0%|0%|0.00%|0%|0%|
SP720 Ligilactobacillus saerimneri (0.00%|0%|0%|0.01%|0
SP240 Limosilactobacillus mucosae (0%|0%|0.69%|0.01%
SP345 Limosilactobacillus reuteri (0.00%|0%|0%|0%|0%|0
SP750 Lactobacillus iners (0%|0%|0%|0%|0%|0%|0%|
SP162 Lactobacillus gasseri (0.03%|0%|1.43%|0.04%|0
SP461 Lactobacillus hominis (0%|0%|0%|0%|0%|0%|0
SP386 Lactobacillus johnsonii (0%|0%|0.00%|0%|0%|0
SP452 Lactococcus raffinolactis (0%|0.08%|0%|0%|0%|
SP622 Streptococcus mutans (0%|0%|0%|0%|0%|0%|0
SP426 Streptococcus thermophilus (0%|0.04%|0%|0%
SP65 Streptococcus peroris (0%|0%|0%|0%|0.34%|0%|
SP64 Streptococcus lactarius (0.02%|0%|0%|0.04%|2.8
SP203 Streptococcus sanguinis (0%|0%|0%|0%|0.28%|
SP22 Streptococcus sp._HMT_074 (0.15%|0.16%|0.09
SP55 Streptococcus parasanguinis_clade_411 (5.50%|
SP68 Streptococcus sp._HMT_056 (0.39%|0%|0.12%|0%
SP247 Streptococcus gordonii (0.02%|0%|0%|0%|0.02
SP107 Streptococcus sinensis (0.00%|0%|0%|0%|0.17
SP428 Streptococcus intermedius (0.00%|0%|0%|0%|
SP101 Streptococcus anginosus (6.11%|0%|0%|0%|
● OT_Mother_ATB_Baby_No_ATB.T1
● PT_Mother_ATB_Baby_No_ATB.T0
● PT_Mother_ATB_Baby_No_ATB.T1
● PT_Mother_ATB_Baby_No_ATB.T
● OT_Mother_ATB_Baby_No_ATB
● PT_Mother_ATB_Baby_ATB.T2
● OT_Mother_ATB_Baby_No_ATB.T2
● OT_Mother_ATB_Baby_No_ATB.T0
● PT_Mother_ATB_Baby_No_ATB.T2
● PT_Mother_ATB_Baby_No_ATB
● PT_Mother_ATB_Baby_ATB.T1
● PT_Mother_ATB_Baby_ATB
● PT_Mother_ATB_Baby_ATB.T0
substitutions/site
0
0.25
0.5
0.75
1