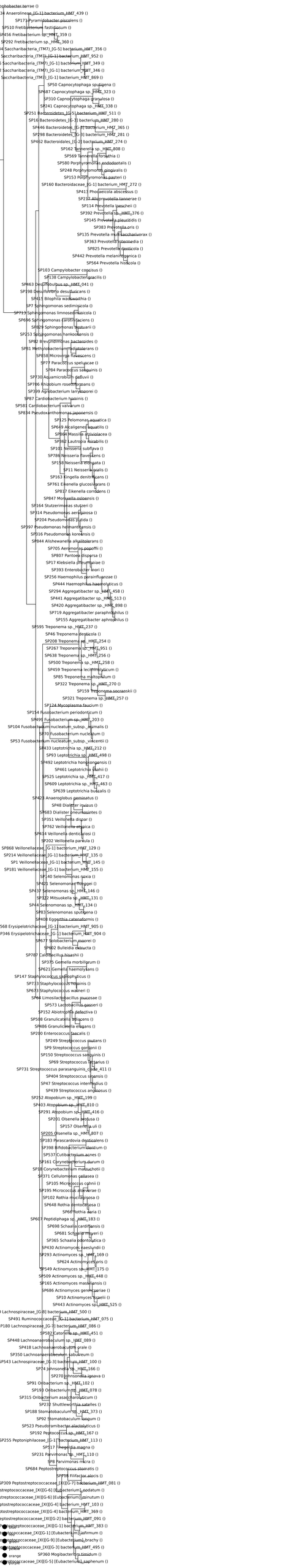
phobacter terrae ()
34 Anaerolineae_[G-1] bacterium_HMT_439 ()
SP173 Pyramidobacter piscolens ()
SP510 Fretibacterium fastidiosum ()
SP456 Fretibacterium sp._HMT_359 ()
SP292 Fretibacterium sp._HMT_360 ()
34 Saccharibacteria_(TM7)_[G-5] bacterium_HMT_356 ()
Saccharibacteria_(TM7)_[G-1] bacterium_HMT_952 ()
5 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_349 ()
2 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_346 ()
Saccharibacteria_(TM7)_[G-1] bacterium_HMT_869 ()
SP50 Capnocytophaga ochracea ()
SP487 Capnocytophaga sp._HMT_323 ()
SP310 Capnocytophaga granulosa ()
SP241 Capnocytophaga sp._HMT_338 ()
SP251 Bacteroidetes_[G-5] bacterium_HMT_511 ()
SP16 Bacteroidetes_[G-3] bacterium_HMT_280 ()
SP446 Bacteroidetes_[G-3] bacterium_HMT_365 ()
SP298 Bacteroidetes_[G-3] bacterium_HMT_281 ()
SP452 Bacteroidales_[G-2] bacterium_HMT_274 ()
SP162 Tannerella sp._HMT_808 ()
SP569 Tannerella forsythia ()
SP580 Porphyromonas endodontalis ()
SP248 Porphyromonas gingivalis ()
SP153 Porphyromonas pasteri ()
SP160 Bacteroidaceae_[G-1] bacterium_HMT_272 ()
SP411 Phocaeicola abscessus ()
SP212 Alloprevotella tannerae ()
SP114 Prevotella pascheii ()
SP392 Prevotella sp._HMT_376 ()
SP145 Prevotella pleuritidis ()
SP383 Prevotella oris ()
SP135 Prevotella multisaccharivorax ()
SP363 Prevotella intermedia ()
SP825 Prevotella denticola ()
SP442 Prevotella melaninogenica ()
SP564 Prevotella histicola ()
SP103 Campylobacter concisus ()
SP138 Campylobacter gracilis ()
SP463 Desulfobulbus sp._HMT_041 ()
SP598 Desulfomicrobium desulfuricans ()
SP415 Bilophila wadsworthia ()
SP7 Sphingomonas sediminiicola ()
SP713 Sphingomonas limnosediminicola ()
SP696 Sphingomonas carotinifaciens ()
SP829 Sphingomonas hisburiri ()
SP253 Sphingomonas hankookensis ()
SP82 Brevundimonas bacteroides ()
SP81 Methylobacterium radiotolerans ()
SP858 Microvirga flavescens ()
SP77 Paracoccus speluncae ()
SP84 Paracoccus sanguinis ()
SP230 Aquamicrobium defluvii ()
SP706 Rhizobium rosettiformans ()
SP339 Agrobacterium larrymoorei ()
SP87 Cardiobacterium hominis ()
SP581 Carliobacterium valvarum ()
SP834 Pseudoxanthomonas japonensis ()
SP125 Petromonas aquatica ()
SP649 Alcaligenes faecalis ()
SP864 Massilia timonae ()
SP362 Lautropia mirabilis ()
SP101 Neisseria subflava ()
SP786 Neisseria flavescens ()
SP158 Neisseria sicca ()
SP11 Neisseria polysaccharea ()
SP163 Kingella denitrificans ()
SP761 Eikenella glucosiphorans ()
SP817 Eikenella corrodens ()
SP847 Moraxella osloensis ()
SP164 Stutzerimonas stutzeri ()
SP314 Pseudomonas aeruginosa ()
SP204 Pseudomonas putida ()
SP397 Pseudomonas hermanniensis ()
SP816 Pseudomonas koreensis ()
SP844 Alishewanella alkalitolerans ()
SP705 Aeromonas popoffii ()
SP807 Pantoea dispersa ()
SP17 Klebsiella pneumoniae ()
SP393 Enterobacter ludwigii ()
SP256 Haemophilus parainfluenzae ()
SP444 Haemophilus haemolyticus ()
SP294 Aggregatibacter sp._HMT_458 ()
SP441 Aggregatibacter sp._HMT_513 ()
SP420 Aggregatibacter sp._HMT_898 ()
SP719 Aggregatibacter aphrophilus ()
SP155 Aggregatibacter aphrophilus ()
SP595 Treponema sp._HMT_237 ()
SP46 Treponema brennaborense ()
SP208 Treponema sp._HMT_254 ()
SP267 Treponema sp._HMT_951 ()
SP638 Treponema sp._HMT_256 ()
SP500 Treponema sp._HMT_258 ()
SP459 Treponema lecithinolyticum ()
SP85 Treponema maltophilum ()
SP322 Treponema sp._HMT_270 ()
SP159 Treponema socranskii ()
SP321 Treponema sp._HMT_257 ()
SP124 Mycoplasma faucium ()
SP154 Fusobacterium periodonticum ()
SP499 Fusobacterium sp._HMT_203 ()
SP104 Fusobacterium nucleatum subsp._animalis ()
SP70 Fusobacterium nucleatum ()
SP53 Fusobacterium nucleatum subsp._vincentii ()
SP433 Leptotrichia sp._HMT_212 ()
SP93 Leptotrichia sp._HMT_498 ()
SP492 Leptotrichia hongchonensis ()
SP461 Leptotrichia shahii ()
SP525 Leptotrichia sp._HMT_417 ()
SP609 Leptotrichia sp._HMT_463 ()
SP639 Leptotrichia buccalis ()
SP421 Anaerroglobus geminatus ()
SP48 Dialister invisus ()
SP683 Dialister pneumosintes ()
SP351 Veillonella dispar ()
SP762 Veillonella atypica ()
SP414 Veillonella denticariosi ()
SP202 Veillonella parvula ()
SP868 Veillonellaceae_[G-1] bacterium_HMT_129 ()
SP214 Veillonellaceae_[G-1] bacterium_HMT_135 ()
SP1 Veillonellaceae_[G-1] bacterium_HMT_145 ()
SP181 Veillonellaceae_[G-1] bacterium_HMT_155 ()
SP140 Selenomonas noxia ()
SP42 Selenomonas flueggei ()
SP437 Selenomonas sp._HMT_146 ()
SP322 Mitsuokella sp._HMT_131 ()
SP44 Selenomonas sp._HMT_134 ()
SP83 Selenomonas sputigena ()
SP408 Megasphaera cerevisiae ()
568 Erysipelotrichaceae_[G-1] bacterium_HMT_905 ()
P346 Erysipelotrichaceae_[G-1] bacterium_HMT_904 ()
SP677 Solobacterium moorei ()
SP602 Bulleidia extructa ()
SP787 Cavibacillus hirashii ()
SP375 Gemella morbillorum ()
SP621 Gemella haemolysans ()
SP147 Staphylococcus saprophyticus ()
SP733 Staphylococcus epidermidis ()
SP673 Staphylococcus warneri ()
SP64 Limosilactobacillus mucosae ()
SP573 Lactobacillus gasseri ()
SP152 Abiotrophia defectiva ()
SP568 Granulicatella elegans ()
SP486 Granulicatella elegans ()
SP200 Enterococcus faecalis ()
SP249 Streptococcus mutans ()
SP9 Streptococcus gordonii ()
SP150 Streptococcus sanguinis ()
SP69 Streptococcus pneumoniae ()
SP731 Streptococcus parasanguinis_clade_411 ()
SP404 Streptococcus oligofermentans ()
SP47 Streptococcus intermedius ()
SP439 Streptococcus anginosus ()
SP252 Atopobium sp._HMT_199 ()
SP403 Atopobium sp._HMT_810 ()
SP291 Atopobium sp._HMT_416 ()
SP201 Olsenella profusa ()
SP157 Olsenella uli ()
SP205 Olsenella sp._HMT_807 ()
SP183 Parascardovia denticolens ()
SP398 Bifidobacterium dentium ()
SP537 Cutibacterium acnes ()
SP161 Corynebacterium durum ()
SP18 Corynebacterium matruchotii ()
SP371 Cellulomonas cellasea ()
SP105 Micrococcus cohnii ()
SP195 Micrococcus luteus ()
SP102 Rothia mucilaginosa ()
SP648 Rothia dentocariosa ()
SP66 Rothia aeria ()
SP607 Peptidiphaga sp._HMT_183 ()
SP698 Schaalia cardiffensis ()
SP681 Schaalia meyeri ()
SP365 Schaalia odontolytica ()
SP430 Actinomyces naeslundii ()
SP293 Actinomyces sp._HMT_169 ()
SP624 Actinomyces oris ()
SP549 Actinomyces sp._HMT_175 ()
SP509 Actinomyces sp._HMT_448 ()
SP165 Actinomyces massiliensis ()
SP686 Actinomyces gerencseriae ()
SP10 Actinomyces israelii ()
SP443 Actinomyces sp._HMT_525 ()
0 Lachnospiraceae_[G-8] bacterium_HMT_500 ()
SP491 Ruminococcaceae_[G-1] bacterium_HMT_075 ()
P180 Lachnospiraceae_[G-7] bacterium_HMT_086 ()
SP582 Catonella sp._HMT_451 ()
SP448 Lachnoanaerobaculum sp._HMT_089 ()
SP418 Lachnoanaerobaculum parale ()
SP350 Lachnoanaerobaculum saburreum ()
SP543 Lachnospiraceae_[G-3] bacterium_HMT_100 ()
SP74 Johnsonella sp._HMT_166 ()
SP270 Johnsonella ignava ()
SP91 Oribacterium sp._HMT_102 ()
SP193 Oribacterium sp._HMT_078 ()
SP315 Oribacterium asaccharolyticum ()
SP232 Shuttleworthia satelles ()
SP188 Stomatobaculum sp._HMT_373 ()
SP92 Stomatobaculum longum ()
SP523 Pseudoramibacter alactolyticus ()
SP192 Peptococcus sp._HMT_167 ()
SP255 Peptoniphilaceae_[G-1] bacterium_HMT_113 ()
SP17 Peptoniphilus magna ()
SP231 Parvimonas sp._HMT_110 ()
SP8 Parvimonas micra ()
SP684 Peptostreptococcus stomatis ()
SP714 Filifactor alocis ()
P309 Peptostreptococcaceae_[XI][G-7] bacterium_HMT_081 ()
streptococcaceae_[XI][G-6] [Eubacterium] cylindroides ()
streptococcaceae_[XI][G-6] [Eubacterium] minutum ()
ptostreptococcaceae_[XI][G-4] bacterium_HMT_103 ()
ptostreptococcaceae_[XI][G-4] bacterium_HMT_369 ()
ptostreptococcaceae_[XI][G-2] bacterium_HMT_091 ()
ptostreptococcaceae_[XI][G-1] bacterium_HMT_383 ()
ococcaceae_[XI][G-1] [Eubacterium] infirmum ()
ococcaceae_[XI][G-9] [Eubacterium] brachy ()
ococcaceae_[XI][G-3] bacterium_HMT_495 ()
SP360 Mogibacterium timidum ()
ococcaceae_[XI][G-5] [Eubacterium] saphenum ()
substitutions/site
0.2
0.4
0.6
0.8