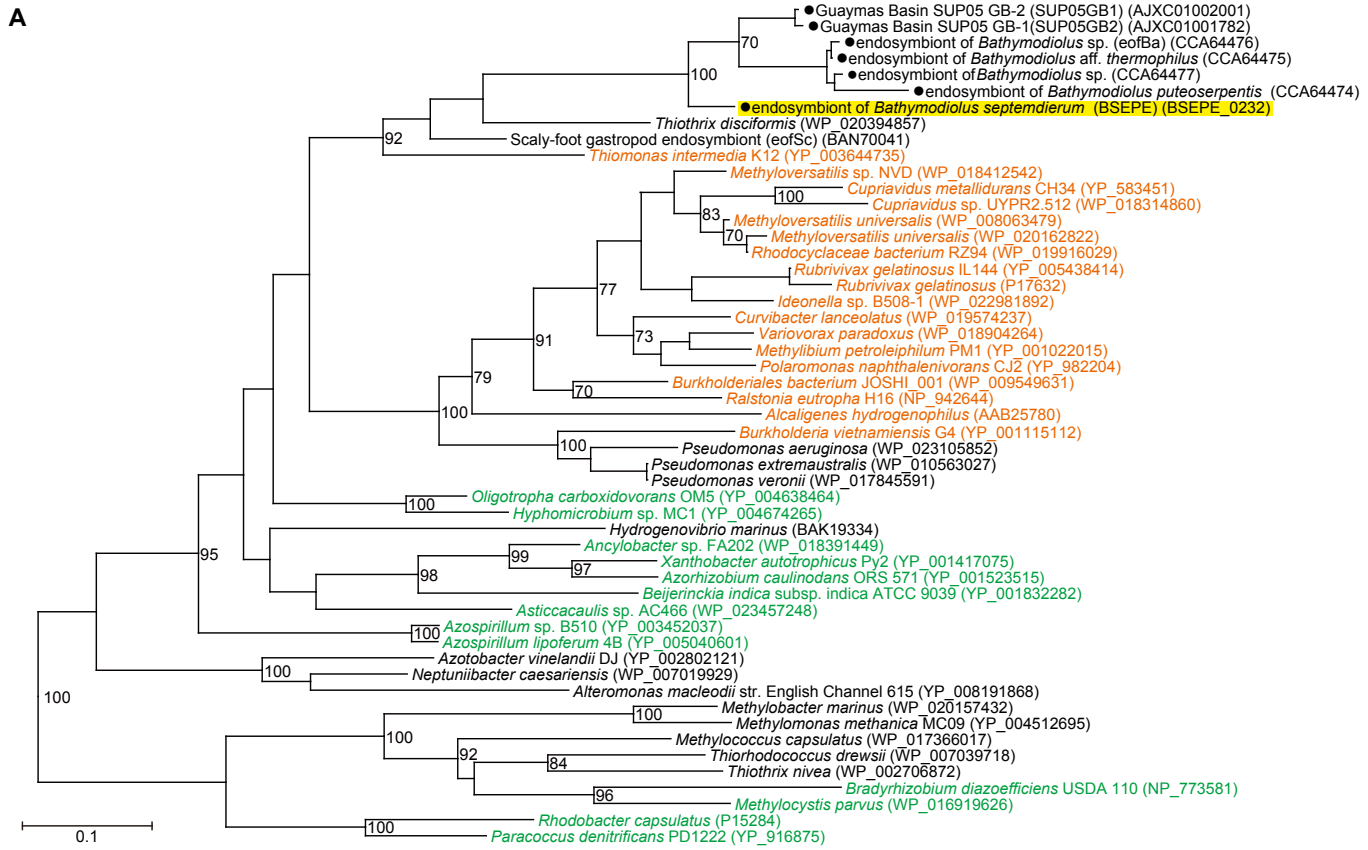
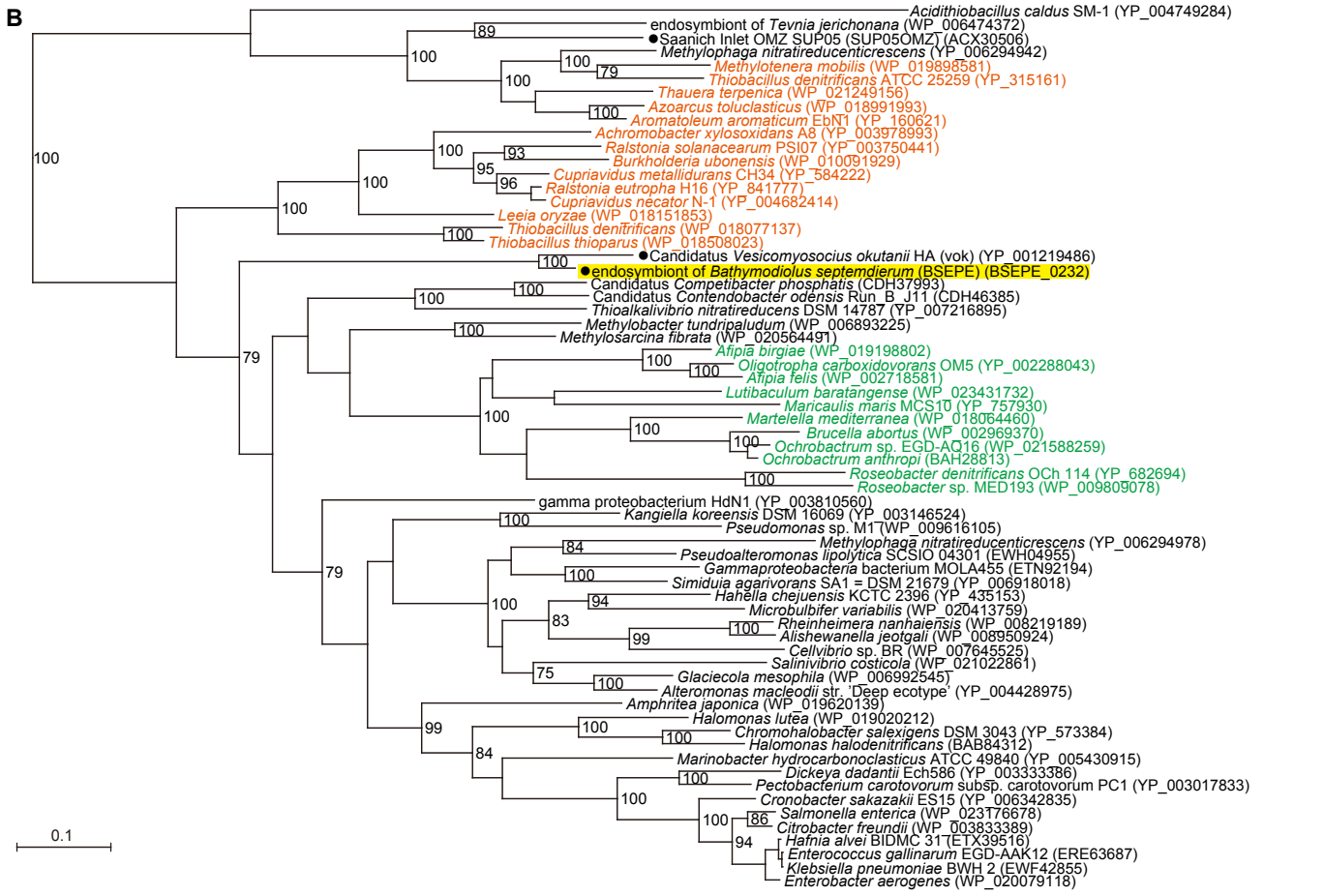

A
Guaymas Basin SUP05 GB-2 (SUP05GB1) (AJXC01002001)
Guaymas Basin SUP05 GB-1(SUP05GB2) (AJXC01001782)
endosymbiont of Bathymodiolus sp. (eofBa) (CCA64476)
endosymbiont of Bathymodiolus aff. thermophilus (CCA64475)
endosymbiont of Bathymodiolus sp. (CCA64477)
endosymbiont of Bathymodiolus puteoserpentis (CCA64474)
endosymbiont of Bathymodiolus septemdierum (BSEPE) (BSEPE_0232)
Thiothrix disciformis (WP_020394857)
Scaly-foot gastropod endosymbiont (eofSc) (BAN70041)
Thiomonas intermedia K12 (YP_003644735)
Methyloversatilis sp. NVD (WP_018412542)
Cupriavidus metallidurans CH34 (YP_583451)
Cupriavidus sp. UYPR2.512 (WP_018314860)
Methyloversatilis universalis (WP_008063479)
Methyloversatilis universalis (WP_020162822)
Rhodocyclaceae bacterium RZ94 (WP_019916029)
Rubrivivax gelatinosus IL144 (YP_005438414)
Rubrivivax gelatinosus (P17632)
Ideonella sp. B508-1 (WP_022981892)
Curvibacter lanceolatus (WP_019574237)
Variovorax paradoxus (WP_018904264)
Methylibium petroleiphilum PM1 (YP_001022015)
Polaromonas naphthalenivorans CJ2 (YP_982204)
Burkholderiales bacterium JOSHI_001 (WP_009549631)
Ralstonia eutropha H16 (NP_942644)
Alcaligenes hydrogenophilus (AAB25780)
Burkholderia vietnamiensis G4 (YP_001115112)
Pseudomonas aeruginosa (WP_023105852)
Pseudomonas extremaustralis (WP_010563027)
Pseudomonas veronii (WP_017845591)
Oligotropha carboxidovorans OM5 (YP_004638464)
Hyphomicrobium sp. MC1 (YP_004674265)
Hydrogenovibrio marinus (BAK19334)
Ancylobacter sp. FA202 (WP_018391449)
Xanthobacter autotrophicus Py2 (YP_001417075)
Azorhizobium caulinodans ORS 571 (YP_001523515)
Beijerinckia indica subsp. indica ATCC 9039 (YP_001832282)
Asticcacaulis sp. AC466 (WP_023457248)
Azospirillum sp. B510 (YP_003452037)
Azospirillum lipoferum 4B (YP_005040601)
Azotobacter vinelandii DJ (YP_002802121)
Neptuniibacter caesariensis (WP_007019929)
Alteromonas macleodii str. English Channel 615 (YP_008191868)
Methylobacter marinus (WP_020157432)
Methylomonas methanica MC09 (YP_004512695)
Methylococcus capsulatus (WP_017366017)
Thiorhodococcus drewsii (WP_007039718)
Thiothrix nivea (WP_002706872)
Bradyrhizobium diazoefficiens USDA 110 (NP_773581)
Methylocystis parvus (WP_016919626)
Rhodobacter capsulatus (P15284)
Paracoccus denitrificans PD1222 (YP_916875)
0.1


B
Acidithiobacillus caldus SM-1 (YP_004749284)
endosymbiont of Tevnia jerichonana (WP_006474372)
Saanich Inlet OMZ SUP05 (SUP05OMZ) (ACX30506)
Methylophaga nitratireducenticrescens (YP_006294942)
Methylotenera mobilis (WP_019898581)
Thiobacillus denitrificans ATCC 25259 (YP_315161)
Thauera terpenica (WP_021249156)
Azoarcus toluclasticus (WP_018991993)
Aromatoleum aromaticum EbN1 (YP_160621)
Achromobacter xylosoxidans A8 (YP_003978993)
Ralstonia solanacearum PSI07 (YP_003750441)
Burkholderia ubonensis (WP_010091929)
Cupriavidus metallidurans CH34 (YP_584222)
Ralstonia eutropha H16 (YP_841777)
Cupriavidus necator N-1 (YP_004682414)
Leeia oryzae (WP_018151853)
Thiobacillus denitrificans (WP_018077137)
Thiobacillus thioparus (WP_018508023)
Candidatus Vesicomyosocius okutanii HA (vok) (YP_001219486)
endosymbiont of Bathymodiolus septemdierum (BSEPE) (BSEPE_0232)
Candidatus Competibacter phosphatis (CDH37993)
Candidatus Contendobacter odensis Run_B_J11 (CDH46385)
Thioalkalivibrio nitratireducens DSM 14787 (YP_007216895)
Methylobacter tundripaludum (WP_006893225)
Methylosarcina fibrata (WP_020564491)
Afipia birgiae (WP_019198802)
Oligotropha carboxidovorans OM5 (YP_002288043)
Afipia felis (WP_002718581)
Lutibaculum baratangense (WP_023431732)
Maricaulis maris MCS10 (YP_757930)
Martelella mediterranea (WP_018064460)
Brucella abortus (WP_002969370)
Ochrobactrum sp. EGD-AQ16 (WP_021588259)
Ochrobactrum anthropi (BAH28813)
Roseobacter denitrificans OCh 114 (YP_682694)
Roseobacter sp. MED193 (WP_009809078)
gamma proteobacterium HdN1 (YP_003810560)
Kangiella koreensis DSM 16069 (YP_003146524)
Pseudomonas sp. M1 (WP_009616105)
Methylophaga nitratireducenticrescens (YP_006294978)
Pseudoalteromonas lipolytica SCSIO 04301 (EWH04955)
Gammaproteobacteria bacterium MOLA455 (ETN92194)
Simiduia agarivorans SA1 = DSM 21679 (YP_006918018)
Hahella chejuensis KCTC 2396 (YP_435153)
Microbulbifer variabilis (WP_020413759)
Rheinheimera nanhaiensis (WP_008219189)
Alishewanella jeotgali (WP_008950924)
Cellvibrio sp. BR (WP_007645525)
Salinivibrio costicola (WP_021022861)
Glaciecola mesophila (WP_006992545)
Alteromonas macleodii str. 'Deep ecotype' (YP_004428975)
Amphritea japonica (WP_019620139)
Halomonas lutea (WP_019020212)
Chromohalobacter salexigens DSM 3043 (YP_573384)
Halomonas halodenitrificans (BAB84312)
Marinobacter hydrocarbonoclasticus ATCC 49840 (YP_005430915)
Dickeya dadantii Ech586 (YP_003033386)
Pectobacterium carotovorum subsp. carotovorum PC1 (YP_003017833)
Cronobacter sakazakii ES15 (YP_006342835)
Salmonella enterica (WP_023176678)
Citrobacter freundii (WP_003833389)
Hafnia alvei BIDMC 31 (ETX39516)
Enterococcus gallinarum EGD-AAK12 (ERE63687)
Klebsiella pneumoniae BWH 2 (EWF42855)
Enterobacter aerogenes (WP_020079118)
0.1