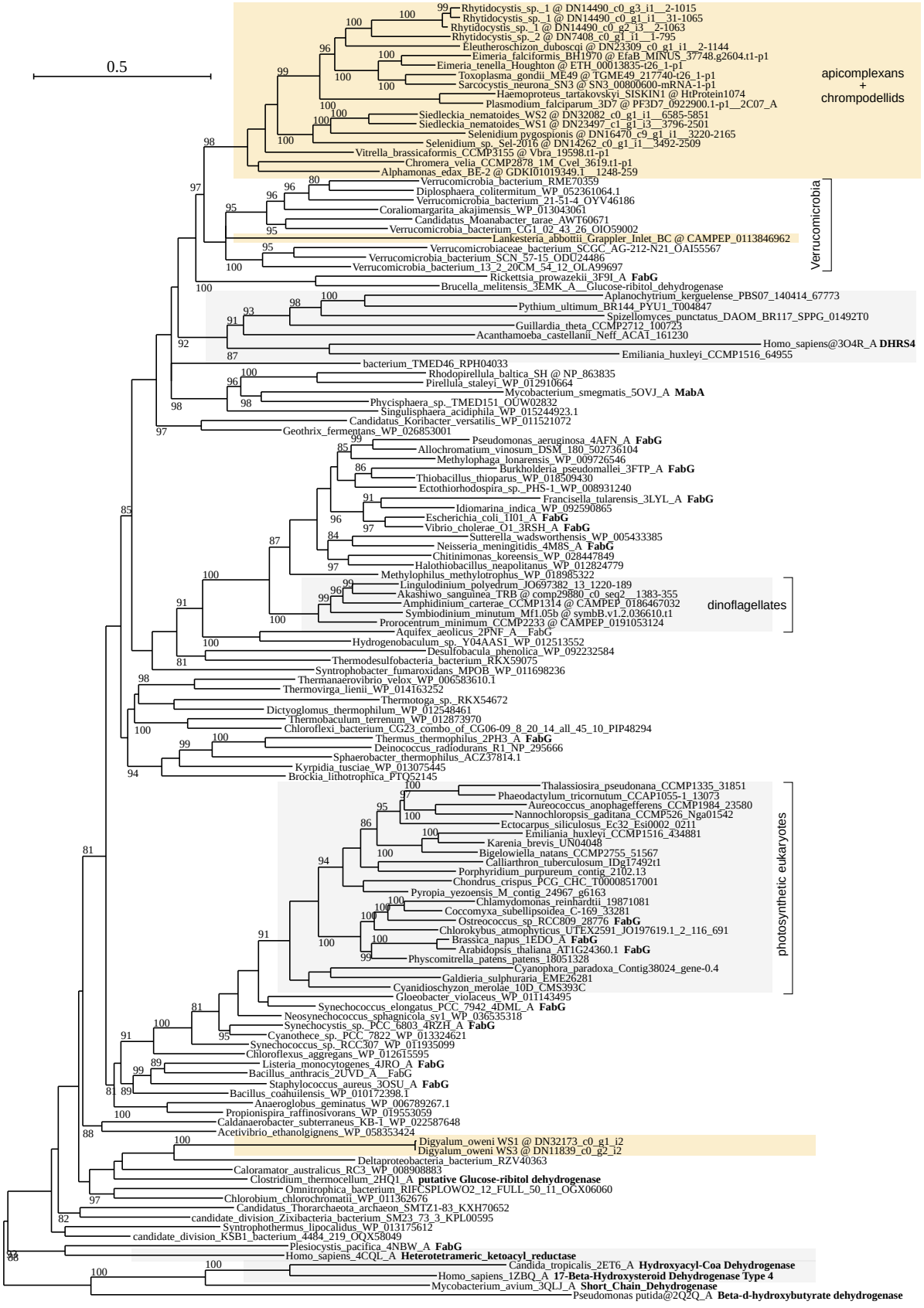
0.5
apicomplexans
+
chrompodellids
Rhytidocystis_sp._1 @ DN14490_c0_g3_i1__2-1015
Rhytidocystis_sp._1 @ DN14490_c0_g1_i1__31-1065
Rhytidocystis_sp._1 @ DN14490_c0_g2_i3__2-1063
Rhytidocystis_sp._2 @ DN7408_c0_g1_i1__1-795
Eleutheroschizon_duboscqi @ DN23309_c0_g1_i1__2-1144
Eimeria_falciformis_BH1970 @ EfaB_MINUS_37748.g2604.t1-p1
Eimeria_tenella_Houghton @ ETH_00013835-t26_1-p1
Toxoplasma_gondii_ME49 @ TGME49_217740-t26_1-p1
Sarcocystis_neurona_SN3 @ SN3_00800600-mRNA-1-p1
Haemoproteus_tartakovskyi_SISKIN1 @ HtProtein1074
Plasmodium_falciparum_3D7 @ PF3D7_0922900.1-p1__2C07_A
Siedleckia_nematoides_WS2 @ DN32082_c0_g1_i1__6585-5851
Siedleckia_nematoides_WS1 @ DN23497_c1_g1_i3__3796-2501
Selenidium pygospionis @ DN16470_c9_g1_i1__3220-2165
Selenidium_sp._Sel-2016 @ DN14262_c0_g1_i1__3492-2509
Vitrella_brassicaformis_CCMP3155 @ Vbra_195598.t1-p1
Chromera_velia_CCMP2878_1M_Cvel_3619.t1-p1
Alphamonas_edax_BE-2 @ GDKI01019349.1__1248-259
Verrucomicrobia
Verrucomicrobia_bacterium_RME70359
Diplosphaera_colitermitum_WP_052361064.1
Verrucomicrobia_bacterium_21-51-4_OYV46186
Coraliomargarita_akajimensis_WP_013043061
Candidatus_Moanabacter_tarae_AWT60671
Verrucomicrobia_bacterium_CG1_02_43_26_OIO59002
Lankesteria_abbottii_Grappler_Inlet_BC @ CAMPEP_0113846962
Verrucomicrobiaceae_bacterium_SCGC_AG-212-N21_OAI55567
Verrucomicrobia_bacterium_SCN_57-15_ODU24486
Verrucomicrobia_bacterium_13_2_20CM_54_12_OLA99697
Rickettsia_prowazekii_3F9I_A **FabG**
Brucella_melitensis_3EMK_A__Glucose-ribitol_dehydrogenase
Aplanochytrium_kerguelense_PBS07_140414_67773
Pythium_ultimum_BR144_PYU1_T004847
Spizellomyces_punctatus_DAOM_BR117_SPPG_01492T0
Guillardia_theta_CCMP2712_100723
Acanthamoeba_castellanii_Neff_ACAT_161230
Homo_sapiens@3O4R_A **DHRS4**
Emiliania_huxleyi_CCMP1516_64955
bacterium_TMED46_RPH04033
Rhodopirellula_baltica_SH @ NP_863835
Pirellula_staleyi_WP_012910664
Mycobacterium_smegmatis_5OVJ_A **MabA**
Phycisphaera_sp._TMED151_OUW02832
Singulisphaera_acidiphila_WP_015244923.1
Candidatus_Koribacter_versatilis_WP_011521072
Geothrix_fermentans_WP_026853001
Pseudomonas_aeruginosa_4AFN_A **FabG**
Allochromatium_vinosum_DSM_180_502736104
Methylophaga_lonarensis_WP_009726546
Burkholderia_pseudomallei_3FTP_A **FabG**
Thiobacillus_thioparus_WP_018509430
Ectothiorhodospira_sp._PHS-1_WP_008931240
Francisella_tularensis_3LYL_A **FabG**
Idiomarina_indica_WP_092590865
Escherichia_coli_1I01_A **FabG**
Vibrio_cholerae_O1_3RSH_A **FabG**
Sutterella_wadsworthensis_WP_005433385
Neisseria_meningitidis_4M8S_A **FabG**
Chitinimonas_koreensis_WP_028447849
Halothiobacillus_neapolitanus_WP_012824779
Methylophilus_methylotrophus_WP_018985322
dinoflagellates
Lingulodinium_polyedrum_JO697382_13_1220-189
Akashiwo_sanguinea_TRB @ comp29880_c0_seq2__1383-355
Amphidinium_carterae_CCMP1314 @ CAMPEP_0186467032
Symbiodinium_minutum_Mf1.05b @ symbB.v1.2.036610.t1
Prorocentrum_minimum_CCMP2233 @ CAMPEP_0191053124
Aquifex_aeolicus_2PNF_A__FabG
Hydrogenobaculum_sp._Y04AAS1_WP_012513552
Desulfobacula_phenolica_WP_092232584
Thermodesulfobacteria_bacterium_RKX59075
Syntrophobacter_fumaroxidans_MPOB_WP_011698236
Thermanaerovibrio_velox_WP_006583610.1
Thermovirga_lienii_WP_014163252
Thermotoga_sp._RKX54672
Dictyoglomus_thermophilum_WP_012548461
Thermobaculum_terrenum_WP_012873970
Chloroflexi_bacterium_CG23_combo_of_CG06-09_8_20_14_all_45_10_PIP48294
Thermus_thermophilus_2PH3_A **FabG**
Deinococcus_radiodurans_R1_NP_295666
Sphaerobacter_thermophilus_ACZ37814.1
Kyrpidia_tusciae_WP_013075445
Brockia_lithotrophica_PTQ52145
photosynthetic eukaryotes
Thalassiosira_pseudonana_CCMP1335_31851
Phaeodactylum_tricornutum_CCAP1055-1_13073
Aureococcus_anophagefferens_CCMP1984_23580
Nannochloropsis_gaditana_CCMP526_Nga01542
Ectocarpus_siliculosus_Ec32_Esi0002_0211
Emiliania_huxleyi_CCMP1516_434881
Karenia_brevis_UN04048
Bigelowiella_natans_CCMP2755_51567
Calliarthron_tuberculosum_IDg17492t1
Porphyridium_purpureum_contig_2102.13
Chondrus_crispus_PCG_CHC_T00008517001
Pyropia_yezoensis_M_contig_24967_g6163
Chlamydomonas_reinhardtii_19871081
Coccomyxa_subellipsoidea_C-169_33281
Ostreococcus_sp._RCC809_28776 **FabG**
Chlorokybus_atmophyticus_UTEX2591_JO197619.1_2_116_691
Brassica_napus_1EDO_A **FabG**
Arabidopsis_thaliana_AT1G24360.1 **FabG**
Physcomitrella_patens_patens_18051328
Cyanophora_paradoxa_Contig38024_gene-0.4
Galdieria_sulphuraria_EME26281
Cyanidioschyzon_merolae_10D_CMS393C
Gloeobacter_violaceus_WP_011143495
Synechococcus_elongatus_PCC_7942_4DML_A **FabG**
Neosynechococcus_sphagnicola_sy1_WP_036535318
Synechocystis_sp._PCC_6803_4RZH_A **FabG**
Cyanothece_sp._PCC_7822_WP_013324621
Synechococcus_sp._RCC307_WP_011935099
Chloroflexus_aggregans_WP_012615595
Listeria_monocytogenes_4JRO_A **FabG**
Bacillus_anthracis_2UVD_A__FabG
Staphylococcus_aureus_3OSU_A **FabG**
Bacillus_coahuilensis_WP_010172398.1
Anaeroglobus_geminatus_WP_006789267.1
Propionispira_raffinosivorans_WP_019553059
Caldanaerobacter_subterraneus_KB-1_WP_022587648
Acetivibrio_ethanolgignens_WP_058353424
Digyalum_oweni WS1 @ DN32173_c0_g1_i2
Digyalum_oweni WS3 @ DN11839_c0_g2_i2
Deltaproteobacteria_bacterium_RZV40363
Caloramator_australicus_RC3_WP_008908883
Clostridium_thermocellum_2HQ1_A **putative Glucose-ribitol dehydrogenase**
Omnitrophica_bacterium_RIFCSPLOWO2_12_FULL_50_11_OGX06060
Chlorobium_chlorochromatii_WP_011362676
Candidatus_Thorarchaeota_archaeon_SMTZ1-83_KXH70652
candidate_division_Zixibacteria_bacterium_SM23_73_3_KPL00595
Syntrophothermus_lipocalidus_WP_013175612
candidate_division_KSB1_bacterium_4484_219_OQX58049
Plesiocystis_pacifica_4NBW_A **FabG**
Homo_sapiens_4CQL_A **Heterotetrameric_ketoacyl_reductase**
Candida_tropicalis_2ET6_A **Hydroxyacyl-Coa Dehydrogenase**
Homo_sapiens_1ZBQ_A **17-Beta-Hydroxysteroid Dehydrogenase Type 4**
Mycobacterium_avium_3QLJ_A **Short_Chain_Dehydrogenase**
Pseudomonas putida@2Q2Q_A **Beta-d-hydroxybutyrate dehydrogenase**