- Bacteria-Chlamydiae-Chlamydia-Chlamydiales-NA-Chlamydiales bacterium SCGC AG110M15 WP 088244702.1 ———— Eukaryota-Alveolata-Dinophyceae-NA-Unranked-Alexandrium_margalefi_MMETSP0661_c11483_g1_i1.p1 - Eukaryota-Alveolata-Dinophyceae-NA-Unranked-Pyrodinium bahamense MMETSP0796 c34047 g1 i1.p1 ——— Eukaryota-Retaria-NA-NA-NA-Ammonia_sp_MMETSP1384_c13237_g1_i1.p1 — Eukaryota-Retaria-NA-NA-NA-Elphidium_margaritaceum_MMETSP1385_c9221_g1_i1.p1 — Eukaryota-Retaria-NA-NA-NA-Sorites_sp_MMETSP0191_c73222_g1_i1.p1 Paulinella Eukaryota-Cercozoa-Chlorarachniophyceae-NA-NA-Bigelowiella natans CCMP2755 jgi131354 Archaea —— Eukaryota-Cercozoa-Chlorarachniophyceae-NA-NA-Lotharella_globosa_MMETSP0111_c2089_g1_i1.p1 Bacteria ukaryota-Cryptophyta-NA-Goniomondales-NA-Goniomonas pacifica MMETSP0107 c13820 g1 i1.p1 Eukaryota-Stramenopiles-NA-Bicosoecida-Cafeteriaceae-Cafeteria_sp_MMETSP1104_c1162_g1_i1.p1 Eukaryota ukaryota-Stramenopiles-Oomycetes-Peronosporales-Peronosporaceae-Phytophthora_ramorum_jgi72787 Viruses Eukaryota-Stramenopiles-Oomycetes-Saprolegniales-Saprolegniaceae-Aphanomyces_astaci_XP_009828157.1 Other/Misc Eukarvota-Crvptophyta-NA-Pyrenomonadales-Geminigeraceae-Guillardia_theta_MMETSP0046_c8562_g1_i1.p1 Eukaryota-Chlorophyta-NA-NA-NA-Crustomastix stigmata MMETSP0803 c3887 g1 i1.p4 — Eukaryota-Chlorophyta-NA-NA-NA-Picochlorum_sp_MMETSP1330_c1480_g1_i1.p1 ota-Choanoflagellata-Choanoflagellata-Choanoflagellata-Salpingoecidae-Salpingoeca_rosetta_XP_004998010.1 — Eukaryota-Ciliophora-NA-Unranked-NA-Blepharisma_japonicum_MMETSP1395_c27434_g1_i1.p1 Eukaryota-Ciliophora-NA-Unranked-NA-Fabrea_salina_MMETSP1345_c2097_g1_i1.p1 —— Paulinella_chromatophora_CCAC0185_nuclear___scaffold3571-m36069 — Eukaryota-Glaucophyta-Glaucophyta-NA-Cyanophoraceae-Cyanophora_paradoxa_tig00001292_g8046.t1 Amoebozoa-NA-NA-Paramoebidae-Vexillifera_sp_MMETSP0173_c4737_g1_i1.p1 —— Eukaryota-Cercozoa-Chlorarachniophyceae-NA-NA-Gymnochlora_sp_MMETSP0110_c6920_g1_i1.p1 Eukaryota-Glaucophyta-Glaucophyta-Gloeochaetales-Gloeochaetaceae-Gloeochaete_wittrockiana_MMETSP1089_c3688_g1_i1.p1 Eukaryota-Haptophyta-NA-Prymnesiales-NA-Imantonia_sp_MMETSP1474_c33928_g1_i1.p1 Eukaryota-Glaucophyta-Glaucophyta-NA-NA-Cyanoptyche_gloeocystis_MMETSP1086_c10388_g1_i1.p1 Eukaryota-Brachiopoda-Lingulata-Lingulida-Lingulidae-Lingula_anatina_XP_013391998.1 Eukaryota-Hemichordata-Enteropneusta-NA-Harrimaniidae-Saccoglossus_kowalevskii_XP_006818123.1 Eukaryota-Mollusca-Bivalvia-Ostreoida-Ostreidae-Crassostrea_gigas_XP_011447434.1 Eukaryota-Porifera-Demospongiae-Haplosclerida-Niphatidae-Amphimedon_queenslandica_igiAqu1221635 Eukaryota-Placozoa-NA-NA-Trichoplacidae-Trichoplax_adhaerens_XP_002111658.1 — Eukaryota-Amoebozoa-NA-NA-Paramoebidae-Pessonella_sp_MMETSP0420_c6091_g1_i1.p1 Eukaryota-Apicomplexa-Conoidasida-Eucoccidiorida-Sarcocystidae-Besnoitia_besnoiti_XP_029220051.1 Eukaryota-Apicomplexa-Conoidasida-Eucoccidiorida-Sarcocystidae-Neospora_caninum_XP_003882217.1 Eukaryota-Apicomplexa-Conoidasida-Eucoccidiorida-Sarcocystidae-Toxoplasma_gondii_XP_002371435.1 — Eukaryota-Chromeraceae-NA-NA-NA-Chromera_velia_MMETSP0290_c825_g1_i1.p1 — Eukaryota-Annelida-Clitellata-Hirudinida-Glossiphoniidae-Helobdella robusta igi114833 Eukaryota-Choanoflagellata-Choanoflagellata-Choanoflagellata-NA-Acanthoeca_sp_MMETSP0105_c25001_g1_i1.p1 yota-Priapulida-Priapulimorpha-Priapulimorphida-Priapulidae-Priapulus_caudatus_XP_014662411.1 Eukarvota-Mesomycetozoea-Ichthyosporea-Ichthyophonida-NA-Sphaeroforma arctica XP 014151570.1 - Eukaryota-Nematoda-Chromadorea-Rhabditida-Rhabditidae-Caenorhabditis_briggsae_XP_002646519.1 Eukaryota-Nematoda-Chromadorea-Strongylida-Ancylostomatidae-Necator_americanus_XP_013295846.1 Eukaryota-Euglenida-NA-Eutreptiales-NA-Eutreptiella_gymnastica-like_MMETSP0809_c2789_g1_i1.p1 Eukaryota-Euglenida-NA-NA-Unranked-Neobodo_designis_MMETSP1114_c9629_g1_i1.p1 Eukaryota-Kinetoplastida-Kinetoplastida-Kinetoplastida-Trypanosomatidae-Leishmania_mexicana_XP_003872314.1 Eukaryota-Kinetoplastida-Kinetoplastida-Kinetoplastida-Trypanosomatidae-Leptomonas_pyrrhocoris_XP_015659092.1 Eukaryota-Kinetoplastida-Kinetoplastida-Kinetoplastida-Trypanosomatidae-Trypanosoma_rangeli_XP_029241487.1 - Eukaryota-Streptophyta-NA-Malpighiales-Salicaceae-Populus euphratica XP 011015101.1 Eukaryota-Heterolobosea-NA-NA-NA-Percolomonas_cosmopolitus_MMETSP0758_c680_g1_i1.p1 -Heterolobosea-NA-NA-Vahlkampfiidae-Naegleria_gruberi_jgi82193 ukaryota-Rhodophyta-Compsopogonophyceae-NA-NA-Madagascaria_erythrocladiodes_MMETSP1450_c9757_g1_i2.p1 Eukaryota-Ascomycota-Dothideomycetes-Capnodiales-Mycosphaerellaceae-Cercospora_beticola_XP_023458301.1 Eukaryota-Ascomycota-Pezizomycotina-Undefined-Undefined-Mycosphaerella_fijiensis_jgi86070 Eukaryota-Streptophyta-NA-Fagales-Fagaceae-Quercus_suber_XP_023888888.1 — Eukaryota-Ascomycota-Leotiomycetes-Helotiales-Helotiaceae-Glarea lozoyensis XP 008082932.1 Eukaryota-Basidiomycota-Agaricomycetes-Gloeophyllales-Gloeophyllaceae-Gloeophyllum trabeum XP 007869262.1 Eukaryota-Basidiomycota-Agaricomycetes-Polyporales-Polyporaceae-Dichomitus_squalens_XP_007369440.1 Eukaryota-Basidiomycota-Microbotryomycetes-Sporidiobolales-Sporidiobolaceae-Rhodotorula_toruloides_XP_016273577.1 Eukaryota-Mucoromycota-Glomeromycetes-Glomerales-Glomeraceae-Rhizophagus_irregularis_XP_025182850.1 Eukaryota-Mucoromycota-Mucoromycetes-Mucorales-Phycomycetaceae-Phycomyces blakesleeanus XP 018294250.1 — Eukaryota-Acytosteliales-Acytostel 99 Eukaryota-Acytosteliales-Acytosteliales-Acytosteliales-Acytosteliaceae-Heterostelium_album_XP_020435988.1 73 — Eukaryota-Acytosteliales-Acytosteliales-Acytosteliales-Cavenderiaceae-Cavenderia_fasciculata_XP_004361783.1 Eukaryota-Dictyosteliales-Dictyosteliales-Dictyosteliales-Dictyosteliales-Dictyosteliaceae-Dictyostelium_purpureum_jgi97064 Eukaryota-Trichomonadida-Trichomonadida-Trichomonadida-Trichomonadida-Trichomonadidae-Trichomonas vaginalis XP 001302578.1 —— Eukaryota-Choanoflagellata-Choanoflagellata-Choanoflagellata-Salpingoecidae-Monosiga_brevicollis_XP_001743128.1 — Bacteria-Spirochaetes-Spirochaetia-Leptospirales-Leptospiraceae-Leptospira_ryugenii_WP_108976698.1 Bacteria-Bacteroidetes-Flavobacteriia-Flavobacteriales-Flavobacteriaceae-Aquimarina brevivitae WP 130285282.1 Bacteria-Bacteroidetes-Flavobacteriia-Flavobacteriales-Flavobacteriaceae-Kordia_sp._SMS9_WP_114901968.1 — Bacteria-Bacteroidetes-Flavobacteriia-Flavobacteriales-Flavobacteriaceae-Tenacibaculum_sp._SZ18_WP_100926621.1 ——— Bacteria-CandidatusMarinimicrobia-NA-NA-NA-Candidatus_Marinimicrobia_bacterium_WP_129501111.1 Bacteria-Nitrospirae-NA-NA-NA-Nitrospirae_bacterium_HCH1_WP_085053730.1 Bacteria-Verrucomicrobia-Opitutae-Opitutales-Opitutaceae-Lacunisphaera_sp._TWA58_WP_129046619.1 Bacteria-Verrucomicrobia-Opitutae-Opitutales-Opitutaceae-Opitutus_sp._GAS368_WP_091055097.1 Bacteria-Proteobacteria-Betaproteobacteria-Burkholderiales-Oxalobacteraceae-Janthinobacterium_sp._HH01_WP_008447722.1 - Bacteria-Proteobacteria-Betaproteobacteria-Burkholderiales-Oxalobacteraceae-NA WP 117010119.1 Bacteria-Cyanobacteria-NA-NA-NA_WP_039724759.1 Bacteria-Cyanobacteria-NA-Oscillatoriales-Oscillatoriaceae-Moorea_producens_WP_008180179.1 Bacteria-Cyanobacteria-NA-Oscillatoriales-Desertifilaceae-Desertifilum sp. IPPAS B1220 WP 069965417.1 Bacteria-Nitrospirae-Nitrospira-Nitrospirales-Nitrospiraceae-Candidatus_Magnetobacterium_casensis_WP_052566830.1 Bacteria-Proteobacteria-Deltaproteobacteria-Desulfovibrionales-Desulfovibrionaceae-Desulfovibrio_salexigens_WP_015850869.1 - Bacteria-CandidatusKryptonia-NA-NA-NA-Candidatus Chrysopegis kryptomonas WP 092347290.1 — Bacteria-CandidatusMelainabacteria-NA-CandidatusGastranaerophilales-NA-Candidatus Gastranaerophilales bacterium WP 129697083.1 — Bacteria-Aquificae-Aquificae-Aquificales-Hydrogenothermaceae-Persephonella_marina_WP_012675790.1 — Bacteria-Spirochaetes-Spirochaetia-Spirochaetales-Spirochaetaceae-Sediminispirochaeta_smaragdinae_WP_013252664 0.66