Bacteria-Acidobacteria-Holophagae-NA-NA-Holophagae_bacterium_WP_116782377.1 ———— Bacteria-NA-NA-NA-NA-bacterium_A52C2_WP_092498769.1 ——— Bacteria-Proteobacteria-Deltaproteobacteria-Desulfobacterales-Desulfobulbaceae-Desulfobulbus_japonicus_WP_028579477.1 — Bacteria-Proteobacteria-Deltaproteobacteria-Desulfobacterales-Desulfobulbaceae-Desulfopila_sp._IMCC35006_WP_136813015.1 ———— Bacteria-Nitrospirae-Nitrospira-Nitrospirales-Nitrospiraceae-Thermodesulfovibrio_aggregans_WP_082673554.1 Bacteria-Nitrospirae-Nitrospira-Nitrospirales-Nitrospiraceae-Candidatus_Sulfobium_mesophilum_WP_109134507.1 — Bacteria-Proteobacteria-Deltaproteobacteria-NA-NA-Deltaproteobacteria bacterium WP 116620209.1 Eukaryota-Glaucophyta-Glaucophyta-Gloeochaetales-Gloeochaetaceae-Gloeochaete_witrockiana_MMETSP0308_c5772_g2_i1.p1 Archaea —— Eukaryota-Glaucophyta-Glaucophyta-NA-NA-Cyanoptyche_gloeocystis_MMETSP1086_c6807_g1_i1.p1 Bacteria Eukaryota-Chlorophyta-Chlorophyceae-Chlamydomonadales-Chlamydomonadaceae-Chlamydomonas_leiostraca_MMETSP1391_c404_g1_i1.p1 Eukaryota Eukaryota-Chlorophyta-NA-NA-NA-Prasinococcus_capsulatus_MMETSP0941_c4045_g1_i1.p1 Viruses Eukaryota-Streptophyta-NA-Fabales-Fabaceae-Vigna_radiata_XP_022636795.1 — Eukaryota-Alveolata-Dinophyceae-NA-Unranked-Symbiodinium_sp_MMETSP1369_c7731_g1_i1.p1 Eukaryota-Ciliophora-NA-Unranked-NA-Mesodinium_pulex_MMETSP0467_c5618_g1_i1.p1 ukaryota-Chromeraceae-NA-NA-NA-Vitrella_brassicaformis_MMETSP1451_c35809_g1_i1.p1 ukaryota-Cryptophyta-NA-Cryptomonadales-Hemiselmidaceae-Hemiselmis_virescens_MMETSP1356_c16440_g1_i1.p1 — Eukaryota-Cryptophyta-NA-Goniomondales-NA-Goniomonas_sp_MMETSP0114_c29991_g1_i1.p1 Eukaryota-Amoebozoa-NA-NA-Paramoebidae-Paramoeba_atlantica_MMETSP0151_c2881_g1_i1.p1 Eukaryota-Ciliophora-NA-Unranked-NA-Tiarina_fusus_MMETSP0472_c12794_g1_i1.p1 Eukaryota-Haptophyta-NA-Phaeocystales-Phaeocystaceae-Phaeocystis_antarctica_MMETSP1444_c20125_g1_i1.p1 Eukaryota-Haptophyta-NA-Prymnesiales-NA-Prymnesium_parvum_MMETSP0814_c4637_g1_i1.p1 Eukaryota-Stramenopiles-Labyrinthista-NA-NA-Thraustochytrium_sp_MMETSP0198_c7262_g1_i1.p1 Anthozoa-Alcyonacea-Nephtheidae-Dendronephthya_gigantea_XP_028404041.1 Eukaryota-Nematoda-Chromadorea-Strongylida-Ancylostomatidae-Necator_americanus_XP_013301349.1 ukaryota-Nematoda-Enoplea-Trichinellida-Trichinellidae-Trichinella_spiralis_XP_003372964.1 Paulinella_chromatophora_CCAC0185_nuclear___scaffold877-m13621 Viruses-Herpesviridae-NA-NA-NA-Alcelaphine_gammaherpesvirus_2_YP_009044455.1 — Viruses-Herpesviridae-NA-NA-NA-Bovine gammaherpesvirus 4 NP 076568.1 — Viruses-Herpesviridae-NA-NA-NA-Common_bottlenose_dolphin_gammaherpesvirus_1_strain_Sarasota_YP_009388574.1 · Bacteria-Bacteroidetes-Cytophagia-Cytophagales-Cyclobacteriaceae-Aquiflexum_sp._Z0201_WP_113922525.1 cteria-Bacteroidetes-Cytophagia-Cytophagales-Cyclobacteriaceae-Cecembia_calidifontis_WP_130277635.1 - Bacteria-Bacteroidetes-Cytophagia-Cytophagales-Cyclobacteriaceae-Echinicola_vietnamensis_WP_015268135.1 — Bacteria-Acidobacteria-Acidobacteriia-Acidobacteriales-Acidobacteriaceae-Granulicella_mallensis_WP_083836716.1 —— Bacteria-Fibrobacteres-Fibrobacteria-Fibrobacterales-Fibrobacteraceae-Fibrobacter_sp._UWB13_WP_085490438.1 —— Paulinella_ovalis_nuclear_SingleCell___SAG1_utg7180000008017.g3745.t1 Bacteria-Firmicutes-Bacilli-Lactobacillales-Carnobacteriaceae-Agitococcus_lubricus_WP_107864650.1 Eukaryota-Ascomycota-Orbiliomycetes-Orbiliales-Orbiliaceae-Arthrobotrys_oligospora_XP_011118627.1 — Eukaryota-Mesomycetozoea-Ichthyosporea-NA-NA-Capsaspora_owczarzaki_XP_004364431.2 — Paulinella_ovalis_nuclear_SingleCell___SAG1_utg7180000010398.g4877.t1 ——— Bacteria-Cyanobacteria-NA-Synechococcales-Leptolyngbyaceae-Leptolyngbya_valderiana_WP_063719498.1 Eukaryota-Porifera-Demospongiae-Haplosclerida-Niphatidae-Amphimedon_queenslandica_XP_003391725.2 — Bacteria-NA-NA-NA-NA-Natronospirillum_operossus_WP_135484549.1 — Bacteria-Actinobacteria-Actinobacteria-Micrococcales-Microbacteriaceae-Chitinimonas_sp._R344_WP_144277423.1 - Bacteria-Verrucomicrobia-Opitutae-Puniceicoccales-Puniceicoccaceae-Coraliomargarita_sp._WN38_WP_110130110.1 — Archaea-Euryarchaeota-Methanomicrobia-Methanomicrobiales-Methanocorpusculaceae-Methanocorpusculum labreanum WP 011832677.1 ———— Archaea-Crenarchaeota-Thermoprotei-Desulfurococcales-Desulfurococcaceae-Desulfurococcus_amylolyticus_WP_048058802.1 Archaea-Crenarchaeota-Thermoprotei-Thermoproteales-Thermoproteaceae-Caldivirga_sp._MU80_WP_066792938.1 Archaea-Crenarchaeota-Thermoprotei-Thermoproteales-Thermoproteaceae-Vulcanisaeta_moutnovskia_WP_013605298.1 Archaea-Thaumarchaeota-NA-NA-NA-Candidatus_Nitrosotenuis_cloacae_WP_048187974.1 ———— Archaea-Thaumarchaeota-NA-NA-NA-Thaumarchaeota_archaeon_N4_WP_048195405.1 Archaea-Thaumarchaeota-Nitrososphaeria-CandidatusNitrosocaldales-CandidatusNitrosocaldaceae-NA WP 103287227.1 Archaea-NA-NA-NA-NA-archaeon_AArcSI_WP_119814190.1 Archaea-CandidatusBathyarchaeota-NA-NA-NA-Candidatus_Bathyarchaeota_archaeon_WP_116595603.1 — Archaea-Euryarchaeota-Methanomicrobia-Methanocellales-Methanocellaceae-Methanocella_conradii_WP_014405803.1 Archaea-NA-NA-NA-NA-anaerobic_archaeon_MKD1_WP_147663251.1 — Archaea-Euryarchaeota-Methanomicrobia-Methanomicrobiales-Methanoregulaceae-Methanoregula_boonei_WP_012106009.1