- Archaea-Euryarchaeota-Archaeoglobi-Archaeoglobales-Archaeoglobaceae-Archaeoglobus_profundus_WP_012940499.1 ———— Archaea-Euryarchaeota-Archaeoglobi-Archaeoglobales-Archaeoglobaceae-Ferroglobus_placidus_WP_048086478.1 — Archaea-Euryarchaeota-Archaeoglobi-Archaeoglobales-Archaeoglobaceae-Geoglobus_ahangari_WP_048094747.1 Bacteria ukaryota-Haptophyta-NA-Phaeocystales-Phaeocystaceae-Phaeocystis_antarctica_MMETSP1444_c16673_g1_i1.p1 Eukaryota-Haptophyta-NA-Prymnesiales-NA-Chrysochromulina_rotalis_MMETSP0287_c6310_g1_i1.p1 —— Eukaryota-Ciliophora-NA-Unranked-NA-Tiarina_fusus_MMETSP0472_c2263_g1_i1.p1 ukaryota-Cercozoa-Chlorarachniophyceae-NA-NA-Bigelowiella_natans_MMETSP1052_c5377_g1_i1.p1 ryota-Cercozoa-Chlorarachniophyceae-NA-NA-Norrisiella_sphaerica_MMETSP0113_c792_g1_i1.p1 ukaryota-Amoebozoa-NA-NA-Paramoebidae-Mayorella_sp_MMETSP0417_c4452_g1_i1.p1 yota-Amoebozoa-NA-NA-Paramoebidae-Stygamoeba_regulata_MMETSP0447_c7457_g1_i1.p1 —— Eukaryota-Arthropoda-Insecta-Lepidoptera-Noctuidae-Helicoverpa_armigera_XP_021194430.1 aryota-Apicomplexa-NA-Unranked-NA-Alveolata_sp_MMETSP0288_c17964_g1_i1.p1 -\Pi100 Eukaryota-Chromeraceae-NA-NA-NA-Vitrella_brassicaformis_MMETSP1451_c23612_g1_i1.p1 Eukaryota-Chromeraceae-NA-NA-NA-Chromera_velia_MMETSP0290_c885_g1_i1.p1 karyota-Chlorophyta-NA-NA-NA-Picochlorum oklahomensis MMETSP1161 c2695 g1 i1.p1 Eukaryota-Chlorophyta-NA-Pyramimonadales-NA-Pyramimonas amylifera MMETSP1081 c2039 g1 i1.p1 Eukaryota-Streptophyta-Liliopsida-Poales-Poaceae-Aegilops_tauschii_XP_020197862.1 Eukaryota-Streptophyta-Liliopsida-Poales-Poaceae-Oryza_sativa_XP_015651104.1 - Eukaryota-Glaucophyta-Glaucophyta-Gloeochaetales-Gloeochaetaceae-Gloeochaete_witrockiana_MMETSP0308_c661_g1_i2.p1 Eukaryota-Rhodophyta-Bangiophyceae-NA-NA-Rhodosorus_marinus_MMETSP0011_c5674_g1_i1.p1 Eukaryota-Rhodophyta-Bangiophyceae-Porphyridiales-Porphyridiaceae-Porphyridium_purpureum_2095.3 ukaryota-Glaucophyta-Glaucophyta-NA-Cyanophoraceae-Cyanophora paradoxa tig00000194 g14749.t1 Eukaryota-Glaucophyta-Glaucophyta-NA-NA-Cyanoptyche_gloeocystis_MMETSP1086_c12802_g1_i1.p1 Eukaryota-Ciliophora-NA-Unranked-NA-Myrionecta_rubra_MMETSP0798_c11434_g1_i1.p1 Eukaryota-Ciliophora-NA-Unranked-NA-Strombidinopsis_sp_MMETSP0463_c23832_g1_i1.p1 otophyta-NA-Pyrenomonadales-Pyrenomonadaceae-Rhodomonas_lens_MMETSP0484_c25299_g1_i1.p1 - Eukaryota-Cryptophyta-NA-Pyrenomonadales-Geminigeraceae-Guillardia_theta_CCMP2712_jgi65159 Eukaryota-Euglenida-NA-Eutreptiales-NA-Eutreptiella_gymnastica_MMETSP0039_c19307_g1_i1.p1 Archaea-Thaumarchaeota-NA-NA-NA WP 048083510.1 Archaea-Thaumarchaeota-NA-Nitrosopumilales-Nitrosopumilaceae-Candidatus_Nitrosomarinus_catalina_WP_086907288.1 Archaea-Thaumarchaeota-NA-Nitrosopumilales-Nitrosopumilaceae-Nitrosopumilus_sp._Nsub_WP_067958448.1 — Bacteria-Actinobacteria-Actinobacteria-Corynebacteriales-Nocardiaceae-Rhodococcus_sp._SAORIC690_WP_105028211.1 LEukaryota-Alveolata-Dinophyceae-NA-Unranked-Glenodinium_foliaceum_MMETSP0119_c59128_g1_i1.p2 Telukaryota-Cryptophyta-NA-Goniomondales-NA-Goniomonas_pacifica_MMETSP0108_c53833_g1_i1.p4 Eukaryota-Stramenopiles-Raphidophyceae-Chattonellales-Chattonellaceae-Heterosigma_akashiwo_MMETSP0409_c21570_g1_i1.p2 Bacteria-Firmicutes-Bacilli-Bacillales-Bacillaceae-Bacillus_sp._SRB_336_WP_113723705.1 — Bacteria-Proteobacteria-Gammaproteobacteria-Xanthomonadales-Rhodanobacteraceae-Dokdonella_fugitiva_WP_132000144.1 Bacteria-NA-NA-NA-NA-bacterium_endosymbiont_of_Bathymodiolus_sp._5_South_WP_139660095.1 —— Bacteria-NA-NA-NA-NA-Bathymodiolus_heckerae_thiotrophic_gill_symbiont_WP_138120123.1 —— Eukaryota-Stramenopiles-Coscinodiscophyceae-Thalassiosirales-Thalassiosiraceae-Thalassiosira_miniscula_MMETSP0740_c7087_g1_i1.p1 ——— Bacteria-Proteobacteria-Gammaproteobacteria-Thiotrichales-Thiotrichaceae-Leucothrix_mucor_WP_022950658.1 —— Bacteria-Proteobacteria-Gammaproteobacteria-NA-NA-Pseudohongiella_nitratireducens_WP_068812015.1 — Bacteria-Proteobacteria-Gammaproteobacteria-Enterobacterales-NA-NA_WP_014227507.1 Eukaryota-Choanoflagellata-Choanoflagellata-Choanoflagellata-NA-Acanthoeca_sp_MMETSP0105_c34358_g1_i1.p1 — Bacteria-Proteobacteria-Gammaproteobacteria-NA-NA-Solemya_velesiana_gill_symbiont_WP_078485608.1 Eukaryota-Stramenopiles-Dictyochophyceae-Pedinellales-NA-Pseudopedinella_elastica_MMETSP1097_c14262_g1_i1.p2 ——— Bacteria-Proteobacteria-Gammaproteobacteria-Chromatiales-Ectothiorhodospiraceae-NA_WP_018144735.1 — Eukaryota-Cercozoa-NA-Euglyphida-Paulinellidae-Paulinella_chromatophora_scaffold5555-size1791_m.48871 —— MSTRG.11290.1.p1 —— Bacteria-Firmicutes-Clostridia-Halanaerobiales-Halobacteroidaceae-Orenia_metallireducens_WP_097016781.1 —— Bacteria-Firmicutes-Bacilli-Bacillales-Alicyclobacillaceae-Kyrpidia_tusciae_WP_013074868.1 Bacteria-Bacteroidetes-Bacteroidia-Bacteroidales-Muribaculaceae-Muribaculaceae_bacterium_Isolate037_Harlan_WP_123484253.1 Bacteria-Bacteroidetes-Bacteroidia-Bacteroidales-NA-Bacteroidales bacterium WP 135985460.1 Archaea-NA-NA-NA-NA-anaerobic_archaeon_MKD1_WP_147665250.1 Archaea-NA-NA-NA-NA-archaeon_AArcSI_WP_119816124.1 — Archaea-Crenarchaeota-Thermoprotei-Desulfurococcales-Desulfurococcaceae-Ignicoccus_hospitalis_WP_011998201.1 —— Archaea-Crenarchaeota-Thermoprotei-Sulfolobales-Sulfolobaceae-Acidianus_manzaensis_WP_148692044.1 — Archaea-Crenarchaeota-Thermoprotei-Sulfolobales-Sulfolobaceae-Sulfodiicoccus_acidiphilus_WP_126449072.1