— Archaea-NA-NA-NA-NA-anaerobic_archaeon_MKD1_WP_147662619.1 ——— Bacteria-Bacteroidetes-Chitinophagia-Chitinophagales-Chitinophagaceae-Chitinophaga_pinensis_WP_142678801.1 — Bacteria-Proteobacteria-Alphaproteobacteria-Rhodospirillales-Rhodospirillaceae-Inquilinus_sp._KBS0705_WP_138805050.1 Bacteria-Proteobacteria-Gammaproteobacteria-Alteromonadales-Alteromonadaceae-Glaciecola_sp._THG3.7_WP_124746897.1 Eukaryota-Ciliophora-NA-Unranked-NA-Favella taraikaensis MMETSP0434 c31124 g1 i1.p1 Bacteria Eukaryota-Stramenopiles-Labyrinthista-NA-NA-Aplanochytrium_sp_MMETSP0954_c11402_g1_i1.p1 —— Bacteria-NA-NA-NA-NA_WP_121698931.1 — Bacteria-Bacteroidetes-Cytophagia-Cytophagales-Cytophagaceae-Rudanella lutea WP 019989276.1 — Bacteria-Bacteroidetes-Cytophagia-Cytophagales-Cytophagaceae-Spirosoma_luteum_WP_018617867.1 Bacteria-Bacteroidetes-Cytophagia-Cytophagales-Hymenobacteraceae-Pontibacter_indicus_WP_076668594.1 Bacteria-Bacteroidetes-Cytophagia-Cytophagales-Hymenobacteraceae-Rufibacter_sp._DG15C_WP_066507649.1 ————— Eukaryota-Chlorophyta-NA-NA-NA-Mantoniella antarctica MMETSP1106 c28278 g1 i1.p1 Eukaryota-Haptophyta-NA-Prymnesiales-NA-Unidentifiedeukaryote_sp_MMETSP1178_c1587_g1_i1.p1 Dinophyceae-NA-Unranked-Amphidinium_carterae_MMETSP0259_c23350_g1_i1.p1 ———— Eukaryota-Stramenopiles-Labyrinthista-NA-NA-Thraustochytrium_sp_MMETSP0198_c7709_g1_i1.p1 ---- MSTRG.9541.1.p1 — Paulinella chromatophora CCAC0185 nuclear scaffold4215-m40437 Eukaryota-Rhodophyta-Bangiophyceae-NA-NA-Rhodella maculata MMETSP0314_c1651_g1_i1.p2 — Bacteria-Lentisphaerae-Lentisphaeria-Lentisphaerales-Lentisphaeraceae-Lentisphaera_araneosa_WP_007279743.1 — Bacteria-Verrucomicrobia-Opitutae-Puniceicoccales-Puniceicoccaceae-Coraliomargarita_akajimensis_WP_013044022.1 Eukaryota-Apicomplexa-NA-Unranked-NA-Alveolata_sp_MMETSP0288_c29818_g1_i1.p1 Eukaryota-Chromeraceae-NA-NA-NA-Chromera_velia_MMETSP0290_c31555_g1_i1.p1 Eukaryota-Haptophyta-NA-Pavlovales-Pavlovaceae-Pavlova lutheri MMETSP1463 c2080 g1 i1.p1 Bacteria-Firmicutes-Clostridia-Clostridiales-Lachnospiraceae-Butyrivibrio_sp._AE2032_WP_034442762.1 Bacteria-Firmicutes-Clostridia-Clostridiales-Ruminococcaceae-NA_WP_109642629.1 acteria-Firmicutes-Clostridia-Clostridiales-Ruminococcaceae-Ruminococcaceae_bacterium_AB4001_WP_028506887.1 — Bacteria-Planctomycetes-NA-NA-NA-Planctomycetes_bacterium_Pan216_WP_145261875.1 ——— Eukaryota-Arthropoda-Malacostraca-Amphipoda-Hyalellidae-Hyalella azteca XP 018006132.1 ——— Archaea-Euryarchaeota-Methanococci-Methanococcales-Methanocaldococcaceae-Methanotorris_formicicus_WP_007045147.1 Archaea-Euryarchaeota-Methanococci-Methanococcales-Methanococcaceae-Methanococcus_aeolicus_WP_011973525.1 Archaea-Euryarchaeota-Methanococci-Methanococcales-Methanococcaceae-Methanothermococcus_thermolithotrophicus_WP_018153234.1 — Archaea-Euryarchaeota-Methanomicrobia-Methanosarcinales-Methanotrichaceae-Methanosaeta_harundinacea_WP_014585871.1 - Eukaryota-Chordata-Mammalia-Cetacea-Balaenopteridae-Balaenoptera_acutorostrata_XP_007183773.1 rota-Chordata-Mammalia-Cetacea-Delphinidae-Lagenorhynchus obliquidens XP 026956891.1 100 Eukaryota-Chordata-Mammalia-NA-Camelidae-Vicugna_pacos_XP_015104813.1 Eukaryota-Chordata-Mammalia-NA-Cervidae-Odocoileus virginianus XP 020748282.1 — Eukaryota-Streptophyta-NA-Myrtales-Myrtaceae-Rhodamnia_argentea_XP_030552928.1 Eukaryota-Streptophyta-NA-Rosales-Rosaceae-Malus_domestica_XP_008378560.1 Eukaryota-Streptophyta-NA-Rosales-Rosaceae-Pyrus x bretschneideri XP 009357264.1 oeochaetaceae-Gloeochaete witrockiana MMETSP0308 c2562 g1 i1.p1 Archaea-Euryarchaeota-Thermococci-Thermococcales-Thermococcaceae-Thermococcus_celer_WP_088862285.1 Archaea-Thaumarchaeota-NA-Nitrosopumilales-Nitrosopumilaceae-Candidatus_Nitrosarchaeum_limnium_WP_010194449.1 Archaea-Thaumarchaeota-NA-Nitrosopumilales-Nitrosopumilaceae-NA_WP_014962890.1 Archaea-Thaumarchaeota-NA-Nitrosopumilales-Nitrosopumilaceae-Nitrosopumilus_piranensis_WP_148703659.1 Archaea-Thaumarchaeota-NA-Nitrosopumilales-Nitrosopumilaceae-Nitrosarchaeum_koreense_WP_007550052.1 ——— Archaea-Thaumarchaeota-Nitrososphaeria-Nitrososphaerales-Nitrososphaeraceae-Candidatus_Nitrosocosmicus_exaquare_WP_148686682.1 - Archaea-Thaumarchaeota-Nitrososphaeria-CandidatusNitrosocaldales-CandidatusNitrosocaldaceae-NA_WP_103286932.1 Archaea-Crenarchaeota-Thermoprotei-Thermoproteales-Thermoproteaceae-Caldivirga_maquilingensis_WP_012185725.1 Archaea-Crenarchaeota-Thermoprotei-Thermoproteales-Thermoproteaceae-Vulcanisaeta_distributa_WP_013335703.1 — Archaea-Crenarchaeota-Thermoprotei-Sulfolobales-Sulfolobaceae-Metallosphaera_cuprina_WP_013736907.1 ———— Archaea-Crenarchaeota-Thermoprotei-Sulfolobales-Sulfolobaceae-Acidianus_sulfidivorans_WP_110380444.1 Archaea-Crenarchaeota-Thermoprotei-Sulfolobales-Sulfolobaceae-Saccharolobus_solfataricus_WP_009991170.1 Archaea-Crenarchaeota-Thermoprotei-Sulfolobales-Sulfolobaceae-Sulfolobus_islandicus_WP_012711494.1