- Archaea-NA-NA-NA-NA-anaerobic_archaeon_MKD1_WP_147663252.1 Eukaryota-Alveolata-Dinophyceae-Peridiniales-Kryptoperidiniaceae-Durinskia_baltica_MMETSP0116_c88310_g1_i1.p1 ta-Alveolata-Dinophyceae-Peridiniales-Kryptoperidiniaceae-Kryptoperidinium_foliaceum_MMETSP0120_c11255_g1_i1.p1 — Eukaryota-Stramenopiles-NA-NA-NA-Pseudo australis MMETSP0139 c12253 g1 i1.p1 nyta-Florideophyceae-Gigartinales-Gigartinaceae-Chondrus_crispus_XP_005715985.1 Eukaryota-Rhodophyta-Bangiophyceae-NA-NA-Rhodella maculata MMETSP0167 c12460 g1 i1.p1 Archaea karyota-Amoebozoa-NA-NA-Paramoebidae-Paramoeba atlantica MMETSP0151 c23877 g1 i1.p1 Bacteria aryota-Amoebozoa-NA-NA-Paramoebidae-Trichosphaerium_sp_MMETSP0405_c3559_g1_i1.p1 ceae-Chlamydomonadales-Chlamydomonadaceae-Chlamydomonas_euryale_MMETSP0063_c401_g1_i1.p2 ukaryota-Chlorophyta-Chlorophyceae-Chlamydomonadales-Chlamydomonadaceae-Polytomella_parva_MMETSP0052_c8336_g1_i1.p1 ptophyta-NA-Pyrenomonadales-Pyrenomonadaceae-Rhodomonas_lens_MMETSP0484_c997_g1_i1.p2 Eukaryota-Cryptophyta-NA-Cryptomonadales-Hemiselmidaceae-Hemiselmis_virescens_MMETSP1356_c35154_g1_i1.p1 —— Eukaryota-Streptophyta-Liliopsida-Poales-Poaceae-Oryza_brachyantha_XP_006660719.1 Eukaryota-Cnidaria-Anthozoa-Scleractinia-Pocilloporidae-Stylophora pistillata XP 022809929.1 ukaryota-Apicomplexa-NA-Unranked-NA-Alveolata sp MMETSP0288 c97 g1 i1.p1 aceae-NA-NA-NA-Vitrella brassicaformis MMETSP1451 c4143 g1 i1.p1 — Eukaryota-Euglenida-NA-Eutreptiales-NA-Eutreptiella_gymnastica_MMETSP0039_c25591_g1_i2.p1 ———— Eukaryota-Perkinsozoa-NA-Perkinsida-Perkinsidae-Perkinsus_marinus_XP_002772079.1 Eukaryota-Retaria-NA-NA-NA-Sorites_sp_MMETSP0191_c12140_g1_i1.p1 Eukaryota-Chromeraceae-NA-NA-NA-Chromera_velia_MMETSP0290_c41293_g1_i1.p1 . Eukaryota-Choanoflagellata-Choanoflagellata-Choanoflagellata-NA-Acanthoeca_sp_MMETSP0105_c19824_g1_i1 Eukaryota-Ciliophora-NA-Unranked-NA-Mesodinium_pulex_MMETSP0467_c14021_g1_i1.p1 — Bacteria-Abditibacteriota-Abditibacteria-Abditibacteriales-Abitibacteriaceae-Abditibacterium_utsteinense_WP_105482332.1 Bacteria-candidatedivisionNC10-NA-NA-NA-candidate_division_NC10_bacterium_WP_116464761.1 - Bacteria-candidatedivisionNC10-NA-NA-NA-Candidatus Methylomirabilis limnetica WP 107561027.1 —— Bacteria-Chloroflexi-Thermomicrobia-NA-NA-Thermorudis_peleae_WP_051914616.1 · Bacteria-Chloroflexi-Thermomicrobia-Sphaerobacterales-Sphaerobacteraceae-Sphaerobacter_thermophilus_WP_012871774.1 ———— Bacteria-Synergistetes-Synergistia-Synergistales-Synergistaceae-Pyramidobacter_piscolens_WP_009165720.1 — Bacteria-Acidobacteria-Acidobacteriia-Acidobacteriales-Acidobacteriaceae-Acidobacteria_bacterium_KBS_146_WP_026385780.1 — Bacteria-Acidobacteria-Acidobacteriia-Acidobacteriales-Acidobacteriaceae-Acidobacteriaceae_bacterium_TAA166_WP_022846051.1 ——— Bacteria-Acidobacteria-Acidobacteriia-Acidobacteriales-Acidobacteriaceae-Edaphobacter_aggregans_WP_035350170.1 - Bacteria-Planctomycetes-Planctomycetia-Planctomycetales-Planctomycetaceae-Thermogutta_terrifontis_WP_095416136.1 Bacteria-Verrucomicrobia-Spartobacteria-NA-NA-Spartobacteria_bacterium_LR76_WP_108062260.1 Bacteria-Verrucomicrobia-Spartobacteria-NA-NA-Terrimicrobium_sacchariphilum_WP_075079238.1 Bacteria-Actinobacteria-Coriobacteriia-Eggerthellales-Eggerthellaceae-Gordonibacter_massiliensis_WP_080144033.1 55 Bacteria-Actinobacteria-Coriobacteriia-Eggerthellales-Eggerthellaceae-Raoultibacter_timonensis_WP_102380232.1 Bacteria-Bacteroidetes-Bacteroidia-Bacteroidales-Bacteroidaceae-Bacteroides_caecimuris_WP_120359972.1 Bacteria-NA-NA-NA-NA-bacterium_D1663_WP_120376345.1 - Bacteria-Actinobacteria-Coriobacteriia-Eggerthellales-Eggerthellaceae-Slackia_isoflavoniconvertens_WP_114615289.1 acteria-Elusimicrobia-Endomicrobia-Endomicrobiales-Endomicrobiaceae-Candidatus_Endomicrobium_trichonymphae_WP_096525981.1 Bacteria-Elusimicrobia-NA-NA-NA-uncultured_Termite_group_1_bacterium_WP_015423759.1 ——— Bacteria-Elusimicrobia-Endomicrobia-Endomicrobiales-Endomicrobiaceae-Endomicrobium_proavitum_WP_052571571.1 Bacteria-Kiritimatiellaeota-Kiritimatiellae-Kiritimatiellales-Kiritimatiellaceae-Kiritimatiella_glycovorans_WP_052881644.1 Bacteria-Kiritimatiellaeota-Kiritimatiellae-Kiritimatiellales-NA-Kiritimatiellales_bacterium_WP_136078583.1 Bacteria-Verrucomicrobia-NA-NA-NA-Verrucomicrobia_bacterium_S94_WP_130594619.1 — Bacteria-Lentisphaerae-Lentisphaeria-Victivallales-NA-Victivallales_bacterium_CCUG_44730_WP_106054415.1 — Bacteria-Lentisphaerae-Lentisphaeria-Victivallales-Victivallaceae-Victivallis_vadensis_WP_116882223.1 , Eukaryota-Alveolata-Dinophyceae-NA-Unranked-Glenodinium foliaceum MMETSP0119 c85039 g1 i1.p2 aryota-Cryptophyta-NA-Goniomondales-NA-Goniomonas_pacifica_MMETSP0108_c42043_g1_i1.p2 Viruses-NA-NA-NA-NA-Mollivirus_sibericum_YP_009165053.1 Bacteria-CandidatusKryptonia-NA-NA-NA-Candidatus Thermokryptus mobilis WP 140944252.1 cteria-Firmicutes-Clostridia-Clostridiales-Clostridiaceae-Clostridium_sp._BNL1100_WP_014312100.1 Bacteria-Firmicutes-Clostridia-Clostridiales-Hungateiclostridiaceae-Ruminiclostridium_cellulolyticum_WP_012634833.1 — Bacteria-Firmicutes-Clostridia-Clostridiales-Hungateiclostridiaceae-Thermoclostridium_stercorarium_WP_015360113.1 — Bacteria-Thermodesulfobacteria-Thermodesulfobacteria-Thermodesulfobacteriales-Thermodesulfobacteriaceae-Thermodesulfatator_autotrophicus_WP_068540973.1 — Bacteria-Thermodesulfobacteria-Thermodesulfobacteria-Thermodesulfobacteriales-Thermodesulfobacteriaceae-Thermosulfurimonas_dismutans_WP_068668908.1 — Bacteria-Thermodesulfobacteria-Thermodesulfobacteria-Thermodesulfobacteriales-Thermodesulfobacteriaceae-Thermodesulfobacterium_hveragerdense_WP_028840722.1 —— Bacteria-Bacteroidetes-Bacteroidia-Marinilabiliales-Marinifilaceae-Marinifilum sp. JC120 WP 136675946.1 Bacteria-Proteobacteria-Deltaproteobacteria-Desulfovibrionales-Desulfohalobiaceae-Desulfohalobium_retbaense_WP_015751550.1 Bacteria-Proteobacteria-Deltaproteobacteria-Desulfovibrionales-Desulfovibrionaceae-Bilophila_sp._4_1_30_WP_009380962.1 — Bacteria-Proteobacteria-Deltaproteobacteria-Desulfovibrionales-Desulfovibrionaceae-Halodesulfovibrio marinisediminis WP 074217655.1 Bacteria-Fibrobacteres-Fibrobacteria-Fibrobacterales-Fibrobacteraceae-Fibrobacter sp. UWCM WP 073116610.1 Bacteria-Fibrobacteres-Fibrobacteria-Fibrobacterales-Fibrobacteraceae-NA_WP_109736091.1 — Bacteria-Planctomycetes-Phycisphaerae-NA-NA-Phycisphaerae_bacterium_SMChiD1_WP_146683402.1 Bacteria-Planctomycetes-Phycisphaerae-Sedimentisphaerales-Sedimentisphaeraceae-Sedimentisphaera_salicampi_WP_094759847.1 Eukaryota-Arthropoda-Insecta-Diptera-Calliphoridae-Lucilia_cuprina_XP_023308021.1 — Eukaryota-Ascomycota-Sordariomycetes-Sordariales-Sordariaceae-Neurospora discreta jgi99799 Eukaryota-Streptophyta-NA-Fagales-Fagaceae-Quercus_suber_XP_023929171.1 Eukaryota-Streptophyta-NA-Lamiales-Phrymaceae-Erythranthe guttata XP 012850952.1 Eukaryota-Ascomycota-Saccharomycetes-Saccharomycetales-Saccharomycetaceae-Eremothecium_gossypii_NP_985078.1 Eukaryota-Basidiomycota-Agaricomycetes-Polyporales-Phanerochaetaceae-Phanerochaete_chrysosporium_igi137445 Eukaryota-Basidiomycota-Agaricomycetes-Polyporales-Polyporaceae-Dichomitus_squalens_XP_007363111.1 Eukaryota-Basidiomycota-Agaricomycetes-Polyporales-Polyporaceae-Trametes versicolor XP 008038092.1 Eukaryota-Cercozoa-Chlorarachniophyceae-NA-NA-Gymnochlora_sp_MMETSP0110_c8240_g1_i1.p1 Eukaryota-Cercozoa-Chlorarachniophyceae-NA-NA-Lotharella_amoebiformis_MMETSP0042_c16443_g1_i1.p1 - Eukaryota-Cercozoa-Chlorarachniophyceae-NA-NA-Partenskyella_glossopodia_MMETSP1318_c2535_g1_i1.p1 ----- MSTRG.7998.1.p1 Paulinella_chromatophora_CCAC0185_nuclear___scaffold11809-m80556 Paulinella_chromatophora_CCAC0185_nuclear___scaffold8005-m62628 ——— Eukaryota-Haptophyta-NA-Prymnesiales-NA-Chrysochromulina_polylepis_MMETSP0143_c63649_g1_i1.p1 — Eukaryota-Haptophyta-NA-Prymnesiales-NA-Prymnesium_parvum_MMETSP0007_c5485_g1_i1.p1 — Eukaryota-Haptophyta-NA-Prymnesiales-NA-Coccolithus_pelagicussspbraarudi_MMETSP0164_c1623_g1_i1.p1 — Eukaryota-Mesomycetozoea-Ichthyosporea-NA-NA-Capsaspora_owczarzaki_XP_004347344.1 Eukaryota-Mesomycetozoea-Ichthyosporea-Ichthyophonida-NA-Sphaeroforma_arctica_XP_014157594.1 —— Bacteria-Ignavibacteriae-Ignavibacteria-Ignavibacteriales-Ignavibacteriaceae-Ignavibacterium_album_WP_014560190.1 Bacteria-Ignavibacteriae-Ignavibacteria-Ignavibacteriales-Melioribacteraceae-Melioribacter_roseus_WP_014857090.1 Bacteria-Deferribacteres-Deferribacteres-Deferribacterales-Deferribacteraceae-Deferribacter_desulfuricans_WP_013008560.1 ——— Bacteria-Deferribacteres-Deferribacteres-Deferribacterales-Deferribacteraceae-Flexistipes_sinusarabici_WP_013885280.1 — Bacteria-Deferribacteres-Deferribacteres-Deferribacterales-Deferribacteraceae-Denitrovibrio_acetiphilus_WP_052293503.1 Bacteria-Nitrospirae-Nitrospira-Nitrospirales-Nitrospiraceae-Candidatus_Sulfobium_mesophilum_WP_109134777.1 Bacteria-Nitrospirae-Nitrospira-Nitrospirales-Nitrospiraceae-NA_WP_012545457.1 Bacteria-Nitrospirae-Nitrospira-Nitrospirales-Nitrospiraceae-Thermodesulfovibrio_yellowstonii_YP_002249081.1 —— Archaea-Thaumarchaeota-NA-NA-NA-Candidatus_Nitrosotenuis_cloacae_WP_048187961.1 - Archaea-Thaumarchaeota-NA-Nitrosopumilales-Nitrosopumilaceae-Candidatus_Nitrosarchaeum_limnium_WP_010193882.1 — Archaea-Thaumarchaeota-Nitrososphaeria-Nitrososphaerales-Nitrososphaeraceae-Candidatus_Nitrosocosmicus_arcticus_WP_144732859.1 Archaea-Euryarchaeota-Thermoplasmata-Methanomassiliicoccales-CandidatusMethanomethylophilaceae-Candidatus_Methanomethylophilus_sp._1R26_WP_058746997.1 Archaea-Euryarchaeota-Thermoplasmata-NA-NA-methanogenic archaeon ISO4H5 WP 066074681.1 — Archaea-Euryarchaeota-Thermoplasmata-Thermoplasmatales-NA-Thermoplasmatales archaeon BRNA1 WP 015492122.1 - Archaea-Crenarchaeota-Thermoprotei-Desulfurococcales-Desulfurococcaceae-Desulfurococcus amylolyticus WP 012608187.1 — Archaea-Crenarchaeota-Thermoprotei-Sulfolobales-Sulfolobaceae-Metallosphaera_yellowstonensis_WP_009075445.1 Archaea-Crenarchaeota-Thermoprotei-Sulfolobales-Sulfolobaceae-Saccharolobus_solfataricus_WP_00999116
