Bacteria-Actinobacteria-Actinobacteria-Corynebacteriales-Mycobacteriaceae-Mycolicibacterium_llatzerense_WP_07128850.98 Eukaryota-Alveolata-Dinophyceae-NA-Unranked-Noctiluca scintillans MMETSP0253 c12301 g1 i1.p1 Eukaryota-Alveolata-Dinophyceae-NA-Unranked-Pyrodinium_bahamense_MMETSP0796_c10201_g1_i1.p1 — Eukaryota-Alveolata-Dinophyceae-NA-Unranked-Karenia brevis MMETSP0574 c17483 g1 i1.p1 Eukaryota-Alveolata-Dinophyceae-NA-Unranked-Alexandrium_tamarense_MMETSP0382_c12775_g1_i1.p1 Eukaryota-Alveolata-Dinophyceae-NA-Unranked-Azadinium_spinosum_MMETSP1038_c101284_g1_i1.p1 Eukaryota-Alveolata-Dinophyceae-NA-Unranked-Brandtodinium_nutriculum_MMETSP1462_c87271_g1_i1.p1 Paulinella — MSTRG.17384.1.p1 Archaea Paulinella_chromatophora_CCAC0185_nuclear___scaffold17617-m102769 Bacteria Bacteria-Actinobacteria-Actinobacteria-Micrococcales-Microbacteriaceae-Curtobacterium_sp._MCBD17_040_WP_111025442.1 Bacteria-Actinobacteria-Actinobacteria-Micrococcales-Microbacteriaceae-Leifsonia_aquatica_WP_025157198.1 Bacteria-Actinobacteria-Actinobacteria-Micrococcales-Micrococcaceae-Arthrobacter_sp._NamE5_WP_138605337.1 Bacteria-Actinobacteria-Actinobacteria-Micrococcales-Micrococcaceae-Pseudarthrobacter_sp._B4EP4b_WP_142060154.1 — Bacteria-Actinobacteria-Actinobacteria-Streptosporangiales-Nocardiopsaceae-Nocardiopsis_flavescens_WP_084736864.1 — Bacteria-Actinobacteria-Actinobacteria-Micrococcales-Microbacteriaceae-Microbacterium_sp._T32_WP_063257402.1 Eukaryota-Rhodophyta-Bangiophyceae-Bangiales-Bangiaceae-Porphyra umbilicalis Poumb0152s0011.1 Eukaryota-Rhodophyta-Florideophyceae-Gigartinales-Gigartinaceae-Chondrus_crispus_XP_005717309.1 Eukaryota-Rhodophyta-Florideophyceae-Gracilariales-Gracilariaceae-Gracilariopsis_chorda_PXF48360.1 90 Lukaryota-Rhodophyta-Bangiophyceae-NA-NA-Erythrolobus_madagascarensis_MMETSP1354_c732_g1_i1.p1 L——————————————————————Eukaryota-Rhodophyta-Porphyridiophyceae-NA-NA-Timspurckia_oligopyrenoides_MMETSP1172_c3923_g1_i1.p1 Eukaryota-Rhodophyta-Bangiophyceae-Porphyridiales-Porphyridiaceae-Porphyridium_purpureum_3451.2 Eukaryota-Rhodophyta-Bangiophyceae-Cyanidiales-Cyanidiaceae-Cyanidioschyzon_merolae_XP_005539097.1 —— Eukaryota-Chlorophyta-Nephroselmidophyceae-NA-NA-Nephroselmis_pyriformis_MMETSP0034_c15421_g6_i1.p1 Eukaryota-Cryptophyta-NA-Cryptomonadales-Hemiselmidaceae-Hemiselmis_andersenii_MMETSP1041_c11849_g1_i1.p1 a-Cryptophyta-NA-Pyrenomonadales-Chroomonadaceae-Chroomonas_mesostigmaticacf_MMETSP0047_c6747_g1_i1.p1 Eukaryota-Cryptophyta-NA-Cryptomonadales-NA-Hanusia_phi_MMETSP1048_c869_g1_i1.p1 Eukaryota-Retaria-NA-NA-NA-Sorites_sp_MMETSP0191_c39374_g1_i1.p1 Chromatophore (≥100aa) tophyta-NA-Pyrenomonadales-Geminigeraceae-Guillardia_theta_MMETSP0046_c10462_g1_i1.p1 Chromatophore (<100aa)</p> Eukaryota-Stramenopiles-NA-Bicosoecida-Cafeteriaceae-Cafeteria_roenbergensis_MMETSP0942_c711_g1_i1.p1 Eukaryota-Cryptophyta-NA-Pyrenomonadales-Geminigeraceae-Proteomonas sulcata MMETSP1049 c1384 g1 i1.p1 Eukaryota-Cryptophyta-NA-Pyrenomonadales-Pyrenomonadaceae-Rhodomonas_sp_MMETSP1091_c9897_g1_i1.p1 ukaryota-Amoebozoa-NA-NA-Paramoebidae-Stygamoeba_regulata_MMETSP0447_c8063_g1_i1.p1 Eukaryota-Chlorophyta-NA-NA-Picocystis_salinarum_MMETSP0807_c3083_g1_i2.p1 Bacteria-Bacteroidetes-Flavobacteriia-Flavobacteriales-Flavobacteriaceae-Maribacter_ulvicola_WP_076548841.1 — Eukaryota-Alveolata-Dinophyceae-NA-Unranked-Dinophysis_acuminata_MMETSP0797_c85228_g1_i1.p1 — Eukaryota-Ciliophora-NA-Unranked-NA-Mesodinium pulex MMETSP0467 c61257 g1 i1.p1 — Eukaryota-Stramenopiles-NA-NA-NA-Synchroma_pusillum_MMETSP1452_c4815_g1_i1.p2 - Eukaryota-Alveolata-Dinophyceae-Peridiniales-Kryptoperidiniaceae-Durinskia_baltica_MMETSP0117_c7937_g1_i1.p1 Eukaryota-Stramenopiles-Chrysophyceae-Chromulinales-Chromulinaceae-Ochromonas_sp_MMETSP1105_TR8828-c0_g1_i1.p1 Eukaryota-Perkinsozoa-NA-Perkinsida-Perkinsidae-Perkinsus marinus XP 002773343.1 aryota-Haptophyta-NA-Prymnesiales-NA-Calcidiscus_leptoporus_MMETSP1334_c8761_g1_i1.p1 Eukaryota-Haptophyta-NA-Prymnesiales-NA-Coccolithus_pelagicussspbraarudi_MMETSP0164_c2518_g1_i1.p1 Eukaryota-Haptophyta-NA-Prymnesiales-NA-Pleurochrysis_carterae_MMETSP1136_c17128_g1_i1.p1 Eukaryota-Haptophyta-NA-Prymnesiales-NA-Isochrysis_galbana_MMETSP0595_c22368_g1_i1.p1 Eukaryota-Haptophyta-NA-Prymnesiales-NA-Prymnesium_parvum_MMETSP0006_c8896_g1_i1.p1 — Eukaryota-Haptophyta-NA-Prymnesiales-NA-Chrysochromulina_polylepis_MMETSP0143_c27862_g1_i1.p1 Eukaryota-Rhodophyta-Bangiophyceae-Cyanidiales-Cyanidiaceae-Galdieria_phlegrea_GphlegSOOS_G1363.1 Eukaryota-Stramenopiles-NA-NA-NA-Dinobryon_sp_MMETSP0019_c11722_g1_i1.p1 Bacteria-Actinobacteria-Actinobacteria-Kineosporiales-Kineosporiaceae-Kineococcus_radiotolerans_WP_011981470.1 — Bacteria-Proteobacteria-Betaproteobacteria-Neisseriales-Neisseriaceae-Snodgrassella_alvi_WP_037408295.1 — Bacteria-Proteobacteria-Gammaproteobacteria-Pseudomonadales-Moraxellaceae-Moraxella_sp._VT1612_WP_089540558.1 Bacteria-Proteobacteria-Betaproteobacteria-Rhodocyclales-Zoogloeaceae-Azoarcus_indigens_WP_133587681.1 —— Bacteria-Proteobacteria-Betaproteobacteria-Nitrosomonadales-Thiobacillaceae-Thiobacillaceae_bacterium_LSR1_WP_131446606.1 Bacteria-Proteobacteria-Betaproteobacteria-Burkholderiales-Alcaligenaceae-Achromobacter_marplatensis_WP_006222515.1 Bacteria-Proteobacteria-Betaproteobacteria-Burkholderiales-Alcaligenaceae-NA_WP_054429425.1 — Bacteria-Proteobacteria-Betaproteobacteria-Burkholderiales-Alcaligenaceae-Bordetella genomosp. 10 WP 094851179.1 — Bacteria-Proteobacteria-Betaproteobacteria-Burkholderiales-Alcaligenaceae-Orrella_dioscoreae_WP_067749451.1 Eukaryota-Apicomplexa-NA-Unranked-NA-Alveolata_sp_MMETSP0288_c18940_g1_i1.p1 Fulu Paragraphic Properties of the P Eukaryota-Chlorophyta-NA-NA-NA-Picochlorum_sp_MMETSP1330_c1563_g1_i1.p2 Eukaryota-Haptophyta-NA-Phaeocystales-Phaeocystaceae-Phaeocystis_cordata_MMETSP1465_c3418_g1_i1.p1 Eukaryota-Chlorophyta-NA-NA-Pycnococcaceae-Pycnococcus sp MMETSP1085 c5498 g1 i1.p2 Eukaryota-Haptophyta-NA-Unranked-NA-Scyphosphaera_apsteinii_MMETSP1333_c8083_g1_i1.p1 Eukaryota-Mollusca-Bivalvia-Ostreoida-Ostreidae-Crassostrea_virginica_XP_022313772.1 Eukaryota-Chordata-Mammalia-Primates-Cercopithecidae-Cercocebus_atys_XP_011897932.1 Eukaryota-Chordata-Mammalia-Primates-Cercopithecidae-Papio_anubis_XP_003913457.1 Eukaryota-Chordata-Mammalia-Primates-Hylobatidae-Nomascus_leucogenys_XP_003279118.2 Eukaryota-Chordata-Mammalia-Primates-Cercopithecidae-Theropithecus_gelada_XP_025219684.1 Faskaryota-Chordata-Mammalia-Primates-Cercopithecidae-Macaca_fascicularis_XP_005584964.1 — Ewaryota-Chordata-Mammalia-Primates-Cercopithecidae-Chlorocebus sabaeus XP 008009976.1 Eukaryota-Chordata-Mammalia-Primates-Hominidae-Pan_troglodytes_XP_001139013.2 Eukaryota-Mollusca-Gastropoda-NA-Planorbidae-Biomphalaria glabrata XP 013069490.1 Eukaryota-Mollusca-Gastropoda-Architaenioglossa-Ampullariidae-Pomacea canaliculata XP 025083057.1 Eukaryota-Mollusca-Gastropoda-Aplysiida-Aplysiidae-Aplysia_californica_XP_005102318.1 Eukaryota-Stramenopiles-Labyrinthista-NA-NA-Aurantiochytrium_limacinum_MMETSP0958_TR15876-c0_g1_i1.p1 Eukaryota-Stramenopiles-Labyrinthista-NA-NA-Thraustochytrium_sp_MMETSP0198_c4249_g1_i1.p1 Eukaryota-Stramenopiles-Labyrinthista-NA-NA-Schizochytrium_aggregatum_MMETSP0964_c5801_g1_i1.p1 Eukaryota-Trichomonadida-Trichomonadida-Trichomonadida-Trichomonadida-Trichomonadidae-Trichomonas_vaginalis_XP_001307715.1 ——— Eukaryota-Hemichordata-Enteropneusta-NA-Harrimaniidae-Saccoglossus_kowalevskii XP 006825056.1 Eukaryota-Chordata-NA-NA-Branchiostomidae-Branchiostoma floridae XP 002599177.1 Archaea-NA-NA-NA-NA-archaeon_AArcSI_WP_119819601.1 — Bacteria-CandidatusCryosericota-CandidatusCryosericia-CandidatusCryosericales-CandidatusCryosericaceae-Candidatus_Cryosericum_odellii_WP_119175396.1 Bacteria-Fusobacteria-Fusobacteriia-Fusobacteriales-Fusobacteriaceae-Fusobacterium_varium_WP_117511849.1 — Bacteria-Fusobacteria-Fusobacteriia-Fusobacteriales-Fusobacteriaceae-NA_WP_052191767.1 ——— Bacteria-CandidatusKryptonia-NA-NA-NA-Candidatus_Kryptobacter_tengchongensis_WP_072152000.1 — Bacteria-Dictyoglomi-Dictyoglomia-Dictyoglomales-Dictyoglomaceae-Dictyoglomus_sp._ob14_WP_148806080.1 ——— Bacteria-Nitrospirae-Nitrospira-Nitrospirales-Nitrospiraceae-Candidatus_Sulfobium_mesophilum_WP_109135844.1 Bacteria-Nitrospirae-Nitrospira-Nitrospirales-Nitrospiraceae-Thermodesulfovibrio_sp._N1_WP_068858620.1 Eukaryota-Chytridiomycetes-Rhizophydiales-NA-Batrachochytrium_dendrobatidis_jgi89346 ——— Archaea-Euryarchaeota-Methanomicrobia-Methanomicrobiales-Methanomicrobiaceae-Methanolacinia_paynteri_WP_048152735.1 Bacteria-Synergistetes-Synergistia-Synergistales-Synergistaceae-Dethiosulfovibrio_salsuginis_WP_085545272.1 —— Archaea-Thaumarchaeota-NA-Nitrosopumilales-Nitrosopumilaceae-Nitrosopumilus_adriaticus_WP_048115391.1 —— Bacteria-DeinococcusThermus-Deinococci-Thermales-Thermaceae-Oceanithermus_profundus_WP_013457513.1 —— Eukaryota-Mesomycetozoea-Ichthyosporea-NA-NA-Capsaspora_owczarzaki_XP_011270722.1 Eukaryota-Basidiomycota-Agaricomycetes-Agaricales-Schizophyllaceae-Schizophyllum_commune_XP_003029847.1 Eukaryota-Chytridiomycota-Chytridiomycetes-Spizellomycetales-Spizellomycetaceae-Spizellomyces_punctatus_XP_016604658.1 Eukaryota-Basidiomycota-Agaricomycetes-Russulales-Stereaceae-Stereum hirsutum XP 007308180.1 Eukaryota-Mucorales-Mucoraceae-Undefined-Undefined-Mucor_circinelloides_igi20619 Eukaryota-Mucoromycota-Mucoromycetes-Mucorales-Phycomycetaceae-Phycomyces_blakesleeanus_igi75543 Bacteria-Firmicutes-Bacilli-Lactobacillales-Carnobacteriaceae-Alkalibacterium_pelagium_WP_091479359.1 - Eukaryota-Mollusca-Bivalvia-Ostreoida-Ostreidae-Crassostrea_virginica_XP_022341969.1 Eukaryota-Brachiopoda-Lingulata-Lingulida-Lingulidae-Lingula_anatina_XP_013407465.1 Eukaryota-Priapulida-Priapulimorpha-Priapulimorphida-Priapulidae-Priapulus caudatus XP 014661914.1 Eukaryota-Echinodermata-Asteroidea-Valvatida-Acanthasteridae-Acanthaster planci XP 022107519.1 Eukaryota-Chordata-Actinopteri-Holocentriformes-Holocentridae-Myripristis murdjan XP 029915183.1 Eukaryota-Chordata-Mammalia-Rodentia-Cricetidae-Peromyscus_leucopus_XP_028739920.1 — Eukaryota-Longamoebia-Longamoebia-Longamoebia-Acanthamoebidae-Acanthamoeba_castellanii_XP_004334229.1 Eukaryota-Echinodermata-Echinoidea-Echinoida-Strongylocentrotidae-Strongylocentrotus_purpuratus_XP_011667238.1 Eukaryota-Mollusca-Bivalvia-Pectinoida-Pectinidae-Mizuhopecten vessoensis XP 021342966.1 Eukaryota-Cnidaria-Anthozoa-Actiniaria-Aiptasiidae-Exaiptasia pallida XP 020897708.1 Eukaryota-Ciliophora-Oligohymenophorea-Hymenostomatida-NA-Ichthyophthirius_multifiliis_XP_004030694.1 Eukaryota-Palpitomonas-NA-NA-Palpitomonas_bilix_MMETSP0780_c13415_g1_i1.p1 Eukaryota-Apusomonadidae-NA-NA-NA-Thecamonas_trahens_XP_013762067.1 Eukaryota-Rhodophyta-Bangiophyceae-NA-NA-Erythrolobus_madagascarensis_MMETSP1354_c3987_g1_i1.p1 Eukaryota-Mucoromycota-Glomeromycetes-Glomerales-Glomeraceae-Rhizophagus_irregularis_XP_025185019.1 Eukaryota-Rhodophyta-Compsopogonophyceae-NA-NA-Madagascaria_erythrocladiodes_MMETSP1450_c14190_g1_i1.p1 Eukaryota-Ascomycota-Leotiomycetes-Helotiales-Dermateaceae-Marssonina_brunnea_XP_007293050.1 Eukaryota-Ascomycota-Sordariomycetes-Glomerellales-Glomerellaceae-Colletotrichum_graminicola_XP_008097782.1 ——— Eukaryota-Streptophyta-NA-Fagales-Fagaceae-Quercus_suber XP 023908860.1 -Conoidasida-Eucoccidiorida-Sarcocystidae-Neospora_caninum_XP_003881865.1 a-Apicomplexa-Conoidasida-Eucoccidiorida-Sarcocystidae-Toxoplasma_gondii_XP_002366601.1 —— Eukaryota-Chromeraceae-NA-NA-NA-Vitrella brassicaformis_MMETSP1451_c1445_g1_i1.p1 Eukaryota-Chromeraceae-NA-NA-NA-Chromera_velia_MMETSP0290_c13631_g1_i1.p1 - Eukaryota-Platyhelminthes-Trematoda-Opisthorchiida-Opisthorchiidae-Opisthorchis_viverrini XP 009164244.1 Eukaryota-Retaria-NA-NA-NA-Ammonia_sp_MMETSP1384_c18462_g1_i1.p1 Eukaryota-Retaria-NA-NA-NA-Sorites_sp_MMETSP0191_c27483_g1_i1.p1 acteria-Thermotogae-Thermotogae-Kosmotogales-Kosmotogaceae-Mesotoga_sp._H07.pep.5.3_WP_099771332.1 Bacteria-Thermotogae-Thermotogae-Kosmotogales-Kosmotogaceae-NA_WP_006486758.1 - Bacteria-Actinobacteria-Actinobacteria-Corynebacteriales-Mycobacteriaceae-Mycobacterium_sp._KBS0706_WP_138886062.1 — Bacteria-CandidatusMelainabacteria-NA-NA-NA-Candidatus_Melainabacteria_bacterium_WP_144104698.1 Eukaryota-Amoebozoa-NA-NA-Paramoebidae-Mayorella_sp_MMETSP0417_c5087_g1_i1.p1 a-Amoebozoa-NA-NA-Paramoebidae-Stygamoeba regulata MMETSP0447 c6279 g1 i1.p1 ——— Eukaryota-Mesomycetozoea-Ichthyosporea-Ichthyophonida-NA-Sphaeroforma_arctica_XP_014152072.1 — Paulinella_chromatophora_CCAC0185_nuclear___scaffold18795-m106789 Eukaryota-Cercozoa-Chlorarachniophyceae-NA-NA-Lotharella_globosa_MMETSP0111_c2736_g1_i1.p1 —— Eukaryota-Cercozoa-Chlorarachniophyceae-NA-NA-Norrisiella sphaerica MMETSP0113 c1081 g1 i2.p1 Eukaryota-Chlorophyta-NA-NA-NA-Prasinococcus_capsulatus_MMETSP0941_c3963_g1_i2.p1 Eukaryota-Heterolobosea-NA-NA-NA-Percolomonas_cosmopolitus_MMETSP0758_c5421_g1_i1.p1 Bacteria-Bacteroidetes-Cytophagia-Cytophagales-NA-Thermoflexibacter_ruber_WP_091538460.1 Bacteria-Bacteroidetes-Flavobacteriia-Flavobacteriales-Flavobacteriaceae-Aureitalea_sp._RR438_WP_105216716.1 — Bacteria-Rhodothermaeota-Rhodothermia-Rhodothermales-Rubricoccaceae-Rubricoccus_marinus_WP_094549784.1 - Bacteria-Rhodothermaeota-Rhodothermia-Rhodothermales-Rubricoccaceae-Rubrivirga_sp._SAORIC476_WP_095514988.1 — Bacteria-Cyanobacteria-NA-Nostocales-Rivulariaceae-Rivularia sp. PCC 7116 WP 015122462.1 —— Bacteria-Cyanobacteria-NA-Oscillatoriales-Oscillatoriaceae-Moorea_bouillonii_WP_075900071.1 Eukaryota-Alveolata-Dinophyceae-NA-Unranked-Polarella_glacialis_MMETSP1440_c16312_g1_i1.p1 —— Eukaryota-Alveolata-Dinophyceae-NA-Unranked-Symbiodinium_sp_MMETSP1122_c26988_g1_i1.p1 Eukaryota-Haptophyta-NA-Prymnesiales-NA-Chrysochromulina_polylepis_MMETSP0143_c35364_g1_i1.p1 — Eukaryota-Choanoflagellata-Choanoflagellata-Choanoflagellata-NA-Acanthoeca_sp_MMETSP0105_c3206_g1_i1.p1 — Eukaryota-Ciliophora-NA-Unranked-NA-Tiarina_fusus_MMETSP0472_c2792_g1_i1.p1 Eukaryota-Chlorophyta-NA-NA-NA-Tetraselmis sp MMETSP0419 c4864 g1 i1.p1 — Bacteria-Proteobacteria-Deltaproteobacteria-Myxococcales-Labilitrichaceae-Labilithrix_luteola_WP_146654579.1 Bacteria-Proteobacteria-Deltaproteobacteria-Myxococcales-Polyangiaceae-Sorangium cellulosum WP 129580670.1 Eukaryota-Cryptophyta-NA-Cryptomonadales-NA-Hanusia_phi_MMETSP1048_c2900_g1_i1.p1 Eukaryota-Cryptophyta-NA-Goniomondales-NA-Goniomonas_sp_MMETSP0114_c13873_g1_i1.p1 — Eukaryota-Haptophyta-NA-Prymnesiales-NA-Isochrysis_galbana_MMETSP0595_c941_g1_i1.p1 Eukaryota-Euglenida-NA-Eutreptiales-NA-Eutreptiella_gymnastica_MMETSP0039_c47821_g1_i1.p1 MSTRG.27764.1.p1 Paulinella_chromatophora_CCAC0185_nuclear__scaffold1028-m15216 Paulinella_chromatophora_CCAC0185_nuclear___scaffold2477-m28026 — Paulinella_chromatophora_CCAC0185_nuclear___scaffold4600-m42900 — Bacteria-Planctomycetes-NA-NA-NA-Planctomycetes_bacterium_Mal4_WP_145368141.1 — Bacteria-Chloroflexi-Chloroflexia-Chloroflexales-Chloroflexaceae-Chloroflexus_aggregans_WP_012615934.1 Bacteria-NA-NA-NA-NA-bacterium_JKG1_WP_081752816.1 Viruses-NA-NA-NA-NA-Pandoravirus_dulcis_YP_008318817.1 - Bacteria-DeinococcusThermus-Deinococci-Thermales-Thermaceae-Meiothermus_granaticius_WP_119356728.1 —— Bacteria-Firmicutes-Limnochordia-Limnochordales-Limnochordaceae-Limnochorda_pilosa_WP_082726357.1 —— Bacteria-Planctomycetes-CandidatusBrocadiae-CandidatusBrocadiales-CandidatusBrocadiaceae-Candiadtus_Scalindua_japonica_WP_133111590.1 Bacteria-Actinobacteria-Coriobacteriia-Eggerthellales-Eggerthellaceae-Raoultibacter_massiliensis_WP_102373472.1 — Bacteria-Acidobacteria-Holophagae-Holophagales-Holophagaceae-Holophaga_foetida_WP_005038296.1 ——— Bacteria-Spirochaetes-Spirochaetia-Brachyspirales-Brachyspiraceae-Brachyspira_hampsonii_WP_107926519.1 Bacteria-Spirochaetes-Spirochaetia-Brevinematales-Brevinemataceae-Brevinema_andersonii_WP_092320168.1 —— Bacteria-Fibrobacteres-Fibrobacteria-Fibrobacterales-Fibrobacteraceae-Fibrobacter_sp._UWB2_WP_088659279.1 —— Bacteria-Fibrobacteres-Fibrobacteria-Fibrobacterales-Fibrobacteraceae-NA_WP_078777083.1 Archaea-Euryarchaeota-Halobacteria-Natrialbales-Natrialbaceae-Halopiger_salifodinae_WP_049991531.1 Bacteria-Caldiserica-Caldisericia-Caldisericales-Caldisericaceae-Caldisericum_exile_WP_014452733.1