—— Bacteria-Actinobacteria-Actinobacteria-Micrococcales-Microbacteriaceae-Hymenobacter_sp._Fur1_WP_144848367.1 —— Bacteria-Proteobacteria-Gammaproteobacteria-Alteromonadales-Alteromonadaceae-Glaciecola_sp._THG3.7_WP_124747152.1 Bacteria-Proteobacteria-Alphaproteobacteria-Rhodospirillales-Rhodospirillaceae-Inquilinus_sp._KBS0705_WP_138807620.1 Bacteria-Spirochaetes-Spirochaetia-Leptospirales-Leptospiraceae-Leptospira_ilyithenensis_WP_135765833.1 ——————Bacteria-Bacteroidetes-Cytophagia-Cytophagales-Cytophagaceae-Sporocytophaga_myxococcoides_WP_045468468.1 Bacteria-Chlamydiae-Chlamydiia-Parachlamydiales-Parachlamydiaceae-Neochlamydia_sp._EPS4_WP_044881856.1 — Bacteria-Chlamydiae-Chlamydiia-Parachlamydiales-Parachlamydiaceae-Parachlamydiaceae_bacterium_HST3_WP_042103106.1 ——————— Bacteria-Cyanobacteria-NA-Nostocales-Nostocaceae-Nostoc_linckia_WP_099073317.1 Bacteria-Bacteroidetes-Cytophagia-Cytophagales-Thermonemataceae-Thermonema_rossianum_WP_038030936.1 —— Bacteria-NA-NA-NA-NA-bacterium_336_3_WP_054037654.1 Bacteria Eukaryota-Euglenida-NA-Eutreptiales-NA-Eutreptiella_gymnastica_MMETSP0039_c20472_g1_i1.p1 Eukaryota Eukaryota-Heterolobosea-NA-NA-NA-Percolomonas_cosmopolitus_MMETSP0759_c7879_g1_i1.p1 Eukaryota-Palpitomonas-NA-NA-NA-Palpitomonas_bilix_MMETSP0780_c3419_g1_i1.p1 — Eukaryota-Amoebozoa-NA-NA-Paramoebidae-Sexangularia_sp_MMETSP0437_c2262_g1_i1.p1 —— Eukaryota-Alveolata-Dinophyceae-NA-Unranked-Gymnodinium_catenatum_MMETSP0784_c9944_g1_i1.p1 Eukaryota-Stramenopiles-Dictyochophyceae-Florenciellales-NA-Florenciella_parvula_MMETSP1344_c1244_g1_i1.p1 Eukaryota-Stramenopiles-Dictyochophyceae-Rhizochromulinales-NA-Rhizochromulina_marinacf_MMETSP1173_c1129_g1_i1.p1 Eukaryota-Ciliophora-NA-Unranked-NA-Tiarina_fusus_MMETSP0472_c12053_g1_i1.p1 Viruses-Phycodnaviridae-NA-NA-Feldmannia_species_virus_YP_002154718.1 ———— Eukaryota-Haptophyta-NA-Prymnesiales-NA-Prymnesium_parvum_MMETSP0815_c13011_g1_i1.p1 Eukaryota-Haptophyta-NA-Unranked-NA-Scyphosphaera_apsteinii_MMETSP1333_c4915_g1_i1.p1 ————————————————————————Viruses-Phycodnaviridae-NA-NA-Emiliania_huxleyi_virus_86_YP_294186.1 ———— Eukaryota-Chlorophyta-NA-NA-NA-Crustomastix_stigmata_MMETSP0803_c3791_g1_i1.p1 Eukaryota-Chlorophyta-NA-NA-NA-Picocystis_salinarum_MMETSP1159_TR7920-c0_g1_i1.p1 Eukaryota-Glaucophyta-Glaucophyta-NA-Cyanophoraceae-Cyanophora_paradoxa_tig00000733_g3775.t1 Eukaryota-Cercozoa-Chlorarachniophyceae-NA-NA-Bigelowiella_natans_CCMP2755_igi58266 Eukaryota-Cercozoa-Chlorarachniophyceae-NA-NA-Gymnochlora_sp_MMETSP0110_c15906_g1_i1.p1 Eukaryota-Retaria-NA-NA-NA-Ammonia_sp_MMETSP1384_c20276_g1_i1.p1 —— 100 Eukaryota-Retaria-NA-NA-NA-Elphidium_margaritaceum_MMETSP1385_c19054_g1_i1.p1 MSTRG.3989.1.p1
Paulinella_chromatophora_CCAC0185_nuclear___scaffold1426-m19028 Eukaryota-Annelida-Clitellata-Hirudinida-Glossiphoniidae-Helobdella_robusta_igi185290 Eukaryota-Mollusca-Gastropoda-Architaenioglossa-Ampullariidae-Pomacea_canaliculata_XP_025088063.1 Eukaryota-Mollusca-Gastropoda-NA-Lottiidae-Lottia_gigantea_jgi206843 Eukaryota-Brachiopoda-Lingulata-Lingulida-Lingulidae-Lingula_anatina_XP_013405225.1 Viruses-Poxviridae-NA-NA-NA-Eptesipox_virus_YP_009408000.1 — Viruses-Alloherpesviridae-NA-NA-NA-Anguillid_herpesvirus_1_YP_003358255.2 — Viruses-Nimaviridae-NA-NA-NA-White_spot_syndrome_virus_YP_009220529.1 — Viruses-Alloherpesviridae-NA-NA-NA-Cyprinid_herpesvirus_1_YP_007003794.1 — Viruses-Baculoviridae-NA-NA-NA-Spodoptera_littoralis_nucleopolyhedrovirus_YP_009505829.1 — Viruses-Hytrosaviridae-NA-NA-NA-Musca_hytrovirus_YP_001883393.1 Viruses-NA-NA-NA-NA-Apis_mellifera_filamentous_virus_YP_009165865.1 Viruses-Nudiviridae-NA-NA-NA-Heliothis_zea_nudivirus_YP_004956795.1 — Viruses-Marseilleviridae-NA-NA-NA-Marseillevirus_marseillevirus_YP_003406952.1 Viruses-Marseilleviridae-NA-NA-NA-Tokyovirus_A1_YP_009254993.1 — Viruses-Pithoviridae-NA-NA-NA-Cedratvirus_A11_YP_009329125.1 Viruses-Pithoviridae-NA-NA-NA-Pithovirus_sibericum_YP_009001024.1 — Viruses-Siphoviridae-NA-NA-NA-Cellulophaga_virus_ST_YP_007673424.1 Viruses-NA-NA-NA-NA-Pacmanvirus_A23_YP_009361413.1 — Viruses-Mimiviridae-NA-NA-NA-Acanthamoeba_polyphaga_mimivirus_YP_003986816.1 — Viruses-Mimiviridae-NA-NA-NA-Moumouvirus_YP_007354486.1 Viruses-Asfarviridae-NA-NA-NA-African_swine_fever_virus_NP_042739.1 —— Viruses-Malacoherpesviridae-NA-NA-NA-Haliotid_herpesvirus_1_YP_006908672.1 Viruses-Malacoherpesviridae-NA-NA-NA-Ostreid_herpesvirus_1_YP_024594.1 — Viruses-Herpesviridae-NA-NA-NA-Columbid_alphaherpesvirus_1_YP_009046537.1 Viruses-Herpesviridae-NA-NA-NA-Gallid alphaherpesvirus 3 NP 066871.1 Viruses-Nudiviridae-NA-NA-NA-Tomelloso_virus_YP_009553415.1 Bacteria-Acidobacteria-Acidobacteriia-Acidobacteriales-Acidobacteriaceae-Acidobacteria_bacterium_KBS_146_WP_026389084.1 - Bacteria-Acidobacteria-Acidobacteriia-Acidobacteriales-Acidobacteriaceae-Edaphobacter_aggregans_WP_035359677.1 ——— Bacteria-Actinobacteria-Acidimicrobiia-Acidimicrobiales-Microthrixaceae-Candidatus_Microthrix_parvicella_WP_012225260.1 —— Bacteria-Planctomycetes-NA-NA-NA-Planctomycetes_bacterium_Pla163_WP_145192396.1 — Bacteria-Cyanobacteria-NA-Nostocales-Tolypothrichaceae-Tolypothrix_campylonemoides_WP_063773970.1 Bacteria-Firmicutes-Bacilli-Bacillales-Bacillaceae-Bacillus_sp._SRB_336_WP_113728847.1 —— Bacteria-Nitrospirae-Nitrospira-Nitrospirales-Nitrospiraceae-Candidatus_Nitrospira_inopinata_WP_082633896.1 Bacteria-Nitrospirae-Nitrospira-Nitrospirales-Nitrospiraceae-Nitrospira_japonica_WP_080886329.1 — Bacteria-Planctomycetes-Planctomycetia-Planctomycetales-Gemmataceae-Gemmata obscuriglobus WP 081471784.1 ——— Archaea-Euryarchaeota-Halobacteria-Halobacteriales-Haloarculaceae-Halapricum_salinum_WP_049992523.1 Archaea-Euryarchaeota-Halobacteria-Haloferacales-Haloferacaceae-Halogranum_salarium_WP_009367158.1 —— Viruses-Siphoviridae-NA-NA-NA-Pseudomonas_virus_nickie_YP_009620745.1 —— Paulinella_ovalis_nuclear_SingleCell___SAG6_contig00003.g4.t1 — Viruses-Podoviridae-NA-NA-NA-Pelagibacter_phage_HTVC019P_YP_007517830.1 Viruses-Iridoviridae-NA-NA-NA-Shortfinned eel ranavirus YP 009259397.1 — Viruses-Podoviridae-NA-NA-NA-Alteromonas_phage_vB_AmaP_AD45P1_YP_008126084.1 Viruses-Ascoviridae-NA-NA-NA-Diadromus_pulchellus_toursvirus_YP_009640042.1 Viruses-Iridoviridae-NA-NA-NA-Invertebrate_iridescent_virus_31_YP_009046711.1 Viruses-Ackermannviridae-NA-NA-NA-Klebsiella virus 0507KN21 YP 008531966.1 Viruses-Ackermannviridae-NA-NA-NA-Serratia virus MAM1 YP 007349107.1 — Viruses-Myoviridae-NA-NA-NA-Synechococcus_phage_SSSM5_YP_004324792.1 — Viruses-Herelleviridae-NA-NA-NA-Bacillus_phage_Eldridge_YP_009274812.1 — Viruses-Myoviridae-NA-NA-NA-Bacillus_virus_SP15_YP_009302417.1 — Viruses-Herelleviridae-NA-NA-NA-Listeria_virus_LMSP25_YP_009043131.1 Archaea-Crenarchaeota-Thermoprotei-Fervidicoccales-Fervidicoccaceae-Fervidicoccus_fontis_WP_014558137.1 — Archaea-Crenarchaeota-Thermoprotei-Sulfolobales-Sulfolobaceae-Acidianus_sulfidivorans_WP_110380680.1 — Archaea-CandidatusMicrarchaeota-NA-NA-NA-Candidatus_Mancarchaeum_acidiphilum_WP_088820152.1 Eukaryota-Trichomonadida-Trichomonadida-Trichomonadida-Trichomonadidae-Trichomonas_vaginalis_XP_001580988 Archaea-CandidatusKorarchaeota-NA-NA-NA-Candidatus Methanodesulfokores washburnensis WP 125672030.1 - Archaea-Thaumarchaeota-NA-NA-NA-Candidatus Nitrosotalea bavarica WP 101476990.1 — Archaea-Thaumarchaeota-Nitrososphaeria-CandidatusNitrosocaldales-CandidatusNitrosocaldaceae-NA_WP_103286420.1