cteria-Actinobacteria-Actinobacteria-Micrococcales-Microbacteriaceae-NA WP 104327113.1 Bacteria-Actinobacteria-Actinobacteria-Micrococcales-Microbacteriaceae-Rathayibacter_sp._AY1D1_WP_104319054.1 ——— Bacteria-Actinobacteria-Actinobacteria-Micrococcales-Micrococcaceae-Pseudarthrobacter_chlorophenolicus_WP_045730902.1 — Bacteria-Proteobacteria-Gammaproteobacteria-Vibrionales-Vibrionaceae-Aliivibrio wodanis WP 045101794.1 ——— Bacteria-Proteobacteria-Gammaproteobacteria-Vibrionales-Vibrionaceae-Photobacterium_sp._CECT_9192_WP_087853447.1 - Bacteria-Proteobacteria-Gammaproteobacteria-Vibrionales-Vibrionaceae-Vibrio_parahaemolyticus_WP_140287515.1 Archaea Bacteria Eukaryota Viruses Eukaryota-Retaria-NA-NA-NA-Sorites_sp_MMETSP0191_c14869_g1_i1.p1 - Eukaryota-Chordata-NA-Squamata-Elapidae-Pseudonaja textilis XP 026555645.1 a-Trypanosomatidae-Leishmania_mexicana_XP_003878937.1 Eukaryota-Porifera-Demospongiae-Haplosclerida-Niphatidae-Amphimedon_queenslandica_XP_019858103.1 Eukaryota-Mesomycetozoea-Ichthyosporea-Ichthyophonida-NA-Sphaeroforma_arctica_XP_014160677.1 Eukaryota-Alveolata-Dinophyceae-Peridiniales-Kryptoperidiniaceae-Durinskia_baltica_MMETSP0117_c4977_g1_i1.p1 — Eukaryota-Cercozoa-Chlorarachniophyceae-NA-NA-Lotharella_amoebiformis_MMETSP0042_c9578_g1_i1.p1 ta-Chlorophyta-Chlorophyceae-Chlamydomonadales-Dunaliellaceae-Dunaliella_tertiolecta_MMETSP1127_c23121_g1_i1.p1 —— Eukaryota-Chlorophyta-NA-NA-NA-Tetraselmis_sp_MMETSP0419_c17882_g1_i1.p1 — Eukaryota-Haptophyta-NA-Phaeocystales-Phaeocystaceae-Phaeocystis_cordata_MMETSP1465_c13401_g1_i1.p1 — Eukaryota-Rhodophyta-Bangiophyceae-NA-NA-Rhodosorus_marinus_MMETSP0011_c4299_g1_i1.p1 — Eukaryota-Diplomonadida-Diplomonadida-Diplomonadida-Hexamitidae-Giardia_intestinalis_XP_001708370.1 ophyceae-NA-Unranked-Ceratium_fusus_MMETSP1075_c11482_g1_i1.p1 Bacteria-Bacteroidetes-Sphingobacteriia-Sphingobacteriales-Sphingobacteriaceae-Nubsella_zeaxanthinifaciens_WP_113635077.1 Bacteria-Bacteroidetes-Sphingobacteriia-Sphingobacteriales-Sphingobacteriaceae-Pedobacter_nanyangensis_WP_113661332.1 — Bacteria-Bacteroidetes-Sphingobacteriia-Sphingobacteriales-Sphingobacteriaceae-Parapedobacter_luteus_WP_079717185.1 — Bacteria-Spirochaetes-Spirochaetia-Spirochaetales-Spirochaetaceae-Salinispira_pacifica_WP_024267589.1 Bacteria-Spirochaetes-Spirochaetia-Spirochaetales-Spirochaetaceae-Treponema_succinifaciens_WP_013702188.1 — Bacteria-Spirochaetes-Spirochaetia-Spirochaetales-Spirochaetaceae-Sediminispirochaeta_bajacaliforniensis_WP_020613929.1 — Bacteria-Fusobacteria-Fusobacteriia-Fusobacteriales-Fusobacteriaceae-Fusobacterium_necrophorum_WP_035917507.1 Bacteria-Fusobacteria-Fusobacteriia-Fusobacteriales-Fusobacteriaceae-NA_WP_070579066.1 Bacteria-Firmicutes-Bacilli-Bacillales-Bacillaceae-NA_WP_148948389.1 Bacteria-Firmicutes-Clostridia-Thermoanaerobacterales-Thermoanaerobacteraceae-Caldanaerobacter_subterraneus_WP_009610298.1 — Bacteria-Firmicutes-Clostridia-Thermoanaerobacterales-Thermoanaerobacteraceae-Thermoanaerobacter_uzonensis_WP_072969536.1 ——— Bacteria-Thermotogae-Thermotogae-Mesoaciditogales-Mesoaciditogaceae-Mesoaciditoga_lauensis_WP_036221275.1 Bacteria-Thermotogae-Thermotogae-Thermotogales-Fervidobacteriaceae-Fervidobacterium_pennivorans_WP_064012357.1 Bacteria-Thermotogae-Thermotogae-Thermotogales-Fervidobacteriaceae-Thermosipho_africanus_WP_012579942.1 — Archaea-Crenarchaeota-Thermoprotei-Sulfolobales-Sulfolobaceae-Sulfodiicoccus_acidiphilus_WP_126449795.1 ——— Archaea-Crenarchaeota-Thermoprotei-Thermoproteales-Thermoproteaceae-Vulcanisaeta_distributa_WP_013335236.1 0.23

Archaea-Euryarchaeota-Halobacteria-Halobacteriales-Halobacteriaceae-Halobacterium_sp._CBA1132_WP_058984430.1

Archaea-Euryarchaeota-Halobacteria-Halobacteriales-Halobacteriaceae-Salarchaeum_sp._JOR1_WP_145844717.1
Archaea-Euryarchaeota-Halobacteria-Haloferacales-Halorubraceae-Halorubrum_sp._CBA1229_WP_123113516.1

Archaea-NA-NA-NA-NA-archaeon_AArcSI_WP_119817814.1