aryota-Alveolata-Dinophyceae-NA-Unranked-Glenodinium\_foliaceum\_MMETSP0119\_c27858\_g1\_i1.p1 karyota-Stramenopiles-NA-Bicosoecida-NA-Bicosoecid\_sp\_MMETSP0115\_c9753\_g1\_i1.p1 Bacteria onadales-NA-Pyramimonas\_amylifera\_MMETSP1081\_c31826\_g1\_i1.p1 rota-Diplomonadida-Diplomonadida-Diplomonadida-Hexamitidae-Giardia intestinalis XP 001706409.1 —— Paulinella\_chromatophora\_CCAC0185\_nuclear\_\_\_scaffold14480-m91398 Eukaryota-Cryptophyta-NA-Cryptomonadales-Cryptomonadaceae-Cryptomonas\_paramecium\_MMETSP0038\_c11557\_g1\_i2.p1 Eukaryota-Glaucophyta-Glaucophyta-Gloeochaetales-Gloeochaetaceae-Gloeochaete\_witrockiana\_MMETSP0308\_c6285\_g1\_i1.p1 — Eukaryota-Haptophyta-NA-Pavlovales-Pavlovaceae-Pavlova\_lutheri\_MMETSP1463\_c4487\_g1\_i1.p1 Eukaryota-Haptophyta-NA-Prymnesiales-NA-Chrysochromulina\_polylepis\_MMETSP0145\_c29699\_g1\_i1.p1 ——— Eukaryota-Haptophyta-NA-Prymnesiales-NA-Prymnesium\_parvum\_MMETSP0006\_c5277\_g1\_i1.p1 Eukaryota-Palpitomonas-NA-NA-NA-Palpitomonas\_bilix\_MMETSP0780\_c9834\_g1\_i2.p1 Eukaryota-Microsporidia-NA-NA-NA-Mitosporidium\_daphniae\_XP\_013238037.1 a-Brachiopoda-Lingulata-Lingulida-Lingulidae-Lingula\_anatina\_XP\_013382134.1 Chordata-Mammalia-Eulipotyphla-Erinaceidae-Erinaceus europaeus XP 007538094.1 Eukaryota-Chordata-Mammalia-Macroscelidea-Macroscelididae-Elephantulus edwardii XP 006900106.1 Eukaryota-Platyhelminthes-Cestoda-Cyclophyllidea-Taeniidae-Echinococcus granulosus XP 024354691.1 Eukaryota-Platyhelminthes-Trematoda-Strigeidida-Schistosomatidae-Schistosoma mansoni XP 018651786.1 — Eukaryota-Cnidaria-Hydrozoa-Anthoathecata-Hydridae-Hydra magnipapillata igiHma2231866 Eukaryota-Arthropoda-Insecta-Hemiptera-Aphididae-Acyrthosiphon\_pisum\_NP\_001155598.1 Eukaryota-Arthropoda-Insecta-Hemiptera-Aphididae-Aphis\_gossypii\_XP\_027836315.1 aryota-Arthropoda-Insecta-Hemiptera-Aphididae-Diuraphis\_noxia\_XP\_015379023.1 ota-Placozoa-NA-NA-Trichoplacidae-Trichoplax\_adhaerens\_XP\_002110890.1 Eukaryota-Choanoflagellata-Choanoflagellata-Choanoflagellata-NA-Acanthoeca\_sp\_MMETSP0105\_c1289\_g1\_i1.p1 Eukaryota-Choanoflagellata-Choanoflagellata-Choanoflagellata-Salpingoecidae-Monosiga\_brevicollis\_XP\_001749443.1 ota-Mesomycetozoea-Ichthyosporea-NA-NA-Capsaspora\_owczarzaki\_XP\_004346816.2 Eukaryota-Alveolata-Dinophyceae-NA-Unranked-Alexandrium\_andersonii\_MMETSP1436\_c38716\_g1\_i1.p1 Eukaryota-Microsporidia-NA-NA-Nosematidae-Nosema\_ceranae\_XP\_024331797.1 Eukaryota-Microsporidia-NA-NA-Unikaryonidae-Encephalitozoon\_hellem\_XP\_003888171.1 — Eukaryota-Trichomonadida-Trichomonadida-Trichomonadida-Trichomonadidae-Trichomonas\_vaginalis\_XP\_001326704.1 Eukaryota-Apicomplexa-Conoidasida-Eucoccidiorida-Eimeriidae-Cyclospora\_cayetanensis\_XP\_022591436.1 Eukaryota-Apicomplexa-Conoidasida-Eucoccidiorida-Eimeriidae-Eimeria\_acervulina\_XP\_013247667.1 Eukaryota-Apicomplexa-Conoidasida-Eucoccidiorida-Sarcocystidae-Besnoitia\_besnoiti\_XP\_029222500.1 Eukaryota-Chromeraceae-NA-NA-NA-Vitrella\_brassicaformis\_MMETSP1451\_c5167\_g1\_i1.p3 Eukaryota-Perkinsozoa-NA-Perkinsida-Perkinsidae-Perkinsus\_marinus\_XP\_002782280.1 —— Eukaryota-Chromeraceae-NA-NA-NA-Chromera\_velia\_MMETSP0290\_c29825\_g1\_i1.p1 - Eukaryota-Amoebozoa-NA-NA-Paramoebidae-Neoparamoeba\_aestuarina\_MMETSP0161\_c4781\_g1\_i1.p1 —— Eukaryota-Retaria-NA-NA-NA-Ammonia sp MMETSP1384 c10655 g1 i1.p1 Eukaryota-Retaria-NA-NA-NA-Elphidium\_margaritaceum\_MMETSP1385\_c6618\_g1\_i1.p1 — Eukaryota-Retaria-NA-NA-NA-Rosalina\_sp\_MMETSP0190\_c1885\_g1\_i1.p1 Eukaryota-Ciliophora-NA-Unranked-NA-Strombidium inclinatum MMETSP0208 c9356 g1 i1.p1 Nematoda-Chromadorea-Rhabditida-Rhabditidae-Caenorhabditis\_remanei\_XP\_003097281.1 - Eukaryota-Nematoda-Chromadorea-Strongylida-Ancylostomatidae-Necator\_americanus\_XP\_013291961.1 Eukaryota-Heterolobosea-NA-NA-NA-Percolomonas\_cosmopolitus\_MMETSP0758\_c10957\_g1\_i1.p1 - Archaea-CandidatusKorarchaeota-NA-NA-NA-Candidatus\_Korarchaeum\_cryptofilum\_WP\_012309644.1 —— Archaea-Euryarchaeota-Methanococci-Methanococcales-Methanococcaceae-Methanococcus\_maripaludis\_WP\_081422769.1 — Archaea-Euryarchaeota-Methanococci-Methanococcales-Methanococcaceae-Methanothermococcus\_thermolithotrophicus\_WP\_026182917.1 —— Archaea-Euryarchaeota-Methanomicrobia-Methanosarcinales-Methanosarcinaceae-Methanosarcina\_barkeri\_WP\_048108999.1 — Bacteria-Aquificae-Aquificae-Desulfurobacteriales-Desulfurobacteriaceae-Thermovibrio\_ammonificans\_WP\_013538312.1 —— Archaea-NA-NA-NA-NA-archaeon\_AArcSI\_WP\_119814570.1 — Archaea-Crenarchaeota-Thermoprotei-Thermoproteales-Thermofilaceae-Thermofilum\_uzonense\_WP\_052884520.1 —— Archaea-CandidatusBathyarchaeota-NA-NA-NA-Candidatus\_Bathyarchaeota\_archaeon\_WP\_116595101.1 —— Archaea-Crenarchaeota-Thermoprotei-Desulfurococcales-Desulfurococcaceae-Staphylothermus\_marinus\_WP\_011839083.1 — Archaea-Crenarchaeota-Thermoprotei-Desulfurococcales-Pyrodictiaceae-Pyrolobus\_fumarii\_WP\_083818452.1