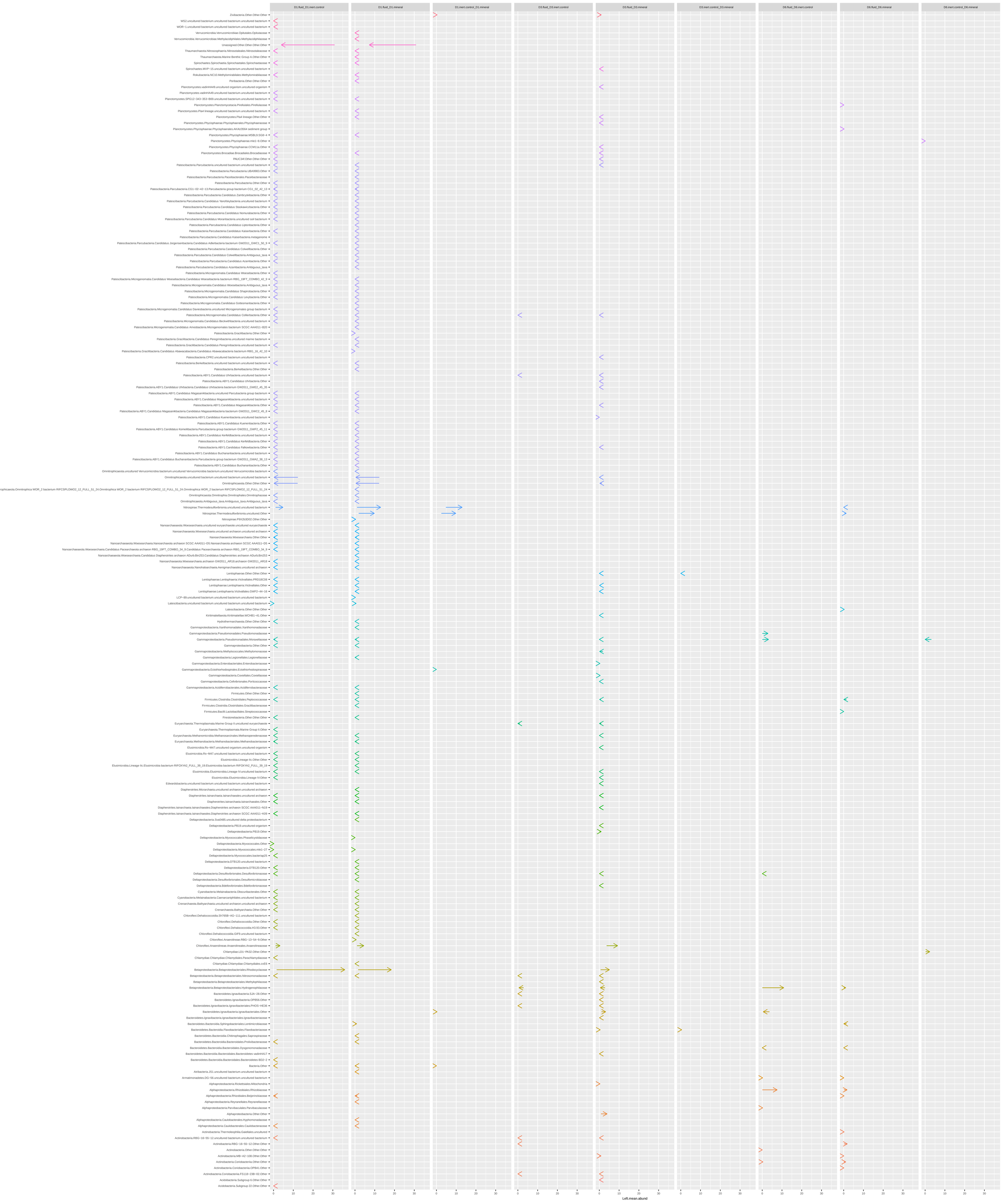
D1.fluid_D1.inert.control
D1.fluid_D1.mineral
D1.inert.control_D1.mineral
D3.fluid_D3.inert.control
D3.fluid_D3.mineral
D3.inert.control_D3.mineral
D6.fluid_D6.inert.control
D6.fluid_D6.mineral
D6.inert.control_D6.mineral
Zixibacteria.Other.Other
WS2.uncultured bacterium.uncultured bacterium.uncultured bacterium
WOR-1.uncultured bacterium.uncultured bacterium.uncultured bacterium
Verrucomicrobia.Verrucomicrobiae.Opitutales.Opitutaceae
Verrucomicrobia.Verrucomicrobiae.Methylacidiphilales.Methylacidiphilaceae
Unassigned.Other.Other.Other
Thaumarchaeota.Nitrososphaeria.Nitrosotaleales.Nitrosotaleaceae
Thaumarchaeota.Marine Benthic Group A.Other.Other
Spirochaetes.Spirochaetia.Spirochaetales.Spirochaetaceae
Spirochaetes.MVP-15.uncultured bacterium.uncultured bacterium
Rokubacteria.NC10.Methylomirabilales.Methylomirabilaceae
Poribacteria.Other.Other.Other
Planctomycetes.vadinHA49.uncultured organism.uncultured organism
Planctomycetes.vadinHA49.uncultured bacterium.uncultured bacterium
Planctomycetes.SPG12-343-353-B69.uncultured bacterium.uncultured bacterium
Planctomycetes.Planctomycetacia.Pirellulales.Pirellulaceae
Planctomycetes.Pla4 lineage.uncultured bacterium.uncultured bacterium
Planctomycetes.Pla4 lineage.Other.Other
Planctomycetes.Phycisphaerae.Phycisphaerales.Phycisphaeraceae
Planctomycetes.Phycisphaerae.Phycisphaerales.AKAU3564 sediment group
Planctomycetes.Phycisphaerae.MSBL9.SG8-4
Planctomycetes.Phycisphaerae.mle1-8.Other
Planctomycetes.Phycisphaerae.CCM11a.Other
Planctomycetes.Brocadiae.Brocadiales.Brocadiaceae
PAUC34f.Other.Other.Other
Patescibacteria.Parcubacteria.uncultured bacterium.uncultured bacterium
Patescibacteria.Parcubacteria.UBA9983.Other
Patescibacteria.Parcubacteria.Paceibacterales.Paceibacteraceae
Patescibacteria.Parcubacteria.Other.Other
Patescibacteria.Parcubacteria.CG1-02-42-13.Parcubacteria group bacterium CG1_02_42_13
Patescibacteria.Parcubacteria.Candidatus Zambryskibacteria.Other
Patescibacteria.Parcubacteria.Candidatus Yanofskybacteria.uncultured bacterium
Patescibacteria.Parcubacteria.Candidatus Staskawiczbacteria.Other
Patescibacteria.Parcubacteria.Candidatus Nomurabacteria.Other
Patescibacteria.Parcubacteria.Candidatus Moranbacteria.uncultured soil bacterium
Patescibacteria.Parcubacteria.Candidatus Liptonbacteria.Other
Patescibacteria.Parcubacteria.Candidatus Kaiserbacteria.Other
Patescibacteria.Parcubacteria.Candidatus Kaiserbacteria.metagenome
Patescibacteria.Parcubacteria.Candidatus Jorgensenbacteria.Candidatus Adlerbacteria bacterium GW2011_GWC1_50_9
Patescibacteria.Parcubacteria.Candidatus Colwellbacteria.Other
Patescibacteria.Parcubacteria.Candidatus Colwellbacteria.Ambiguous_taxa
Patescibacteria.Parcubacteria.Candidatus Azambacteria.Other
Patescibacteria.Parcubacteria.Candidatus Azambacteria.Ambiguous_taxa
Patescibacteria.Microgenomatia.Candidatus Woesebacteria.Other
Patescibacteria.Microgenomatia.Candidatus Woesebacteria.Candidatus Woesebacteria bacterium RBG_19FT_COMBO_42_9
Patescibacteria.Microgenomatia.Candidatus Woesebacteria.Ambiguous_taxa
Patescibacteria.Microgenomatia.Candidatus Shapirobacteria.Other
Patescibacteria.Microgenomatia.Candidatus Levybacteria.Other
Patescibacteria.Microgenomatia.Candidatus Gottesmanbacteria.Other
Patescibacteria.Microgenomatia.Candidatus Daviesbacteria.uncultured Microgenomates group bacterium
Patescibacteria.Microgenomatia.Candidatus Collierbacteria.Other
Patescibacteria.Microgenomatia.Candidatus Beckwithbacteria.uncultured bacterium
Patescibacteria.Microgenomatia.Candidatus Amesbacteria.Microgenomates bacterium SCGC AAA011-B20
Patescibacteria.Gracilibacteria.Other.Other
Patescibacteria.Gracilibacteria.Candidatus Peregrinibacteria.uncultured marine bacterium
Patescibacteria.Gracilibacteria.Candidatus Peregrinibacteria.uncultured bacterium
Patescibacteria.Gracilibacteria.Candidatus Abawacabacteria.Candidatus Abawacabacteria bacterium RBG_16_42_10
Patescibacteria.CPR2.uncultured bacterium.uncultured bacterium
Patescibacteria.Berkelbacteria.uncultured bacterium.uncultured bacterium
Patescibacteria.Berkelbacteria.Other.Other
Patescibacteria.ABY1.Candidatus Uhrbacteria.uncultured bacterium
Patescibacteria.ABY1.Candidatus Uhrbacteria.Other
Patescibacteria.ABY1.Candidatus Uhrbacteria.Candidatus Uhrbacteria bacterium GW2011_GWE2_45_35
Patescibacteria.ABY1.Candidatus Magasanikbacteria.uncultured Parcubacteria group bacterium
Patescibacteria.ABY1.Candidatus Magasanikbacteria.Other
Patescibacteria.ABY1.Candidatus Magasanikbacteria.Candidatus Magasanikbacteria bacterium GW2011_GWC2_45_8
Patescibacteria.ABY1.Candidatus Kuenenbacteria.uncultured bacterium
Patescibacteria.ABY1.Candidatus Kuenenbacteria.Other
Patescibacteria.ABY1.Candidatus Komeilibacteria.Parcubacteria group bacterium GW2011_GWF2_45_11
Patescibacteria.ABY1.Candidatus Kerfeldbacteria.uncultured bacterium
Patescibacteria.ABY1.Candidatus Kerfeldbacteria.Other
Patescibacteria.ABY1.Candidatus Falkowbacteria.Other
Patescibacteria.ABY1.Candidatus Buchananbacteria.uncultured bacterium
Patescibacteria.ABY1.Candidatus Buchananbacteria.Parcubacteria group bacterium GW2011_GWA2_38_13
Patescibacteria.ABY1.Candidatus Buchananbacteria.Other
Omnitrophicaeota.uncultured Verrucomicrobia bacterium.uncultured Verrucomicrobia bacterium.uncultured Verrucomicrobia bacterium
Omnitrophicaeota.uncultured bacterium.uncultured bacterium.uncultured bacterium
Omnitrophicaeota.Other.Other.Other
rophicaeota.Omnitrophica WOR_2 bacterium RIFCSPLOWO2_12_FULL_51_24.Omnitrophica WOR_2 bacterium RIFCSPLOWO2_12_FULL_51_24.Omnitrophica WOR_2 bacterium RIFCSPLOWO2_12_FULL_51_24
Omnitrophicaeota.Omnitrophia.Omnitrophales.Omnitrophaceae
Omnitrophicaeota.Ambiguous_taxa.Ambiguous_taxa.Ambiguous_taxa
Nitrospirae.Thermodesulfovibrionia.uncultured.uncultured bacterium
Nitrospirae.Thermodesulfovibrionia.uncultured.Other
Nitrospinae.P9X2b3D02.Other.Other
Nanoarchaeaeota.Woesearchaeia.uncultured euryarchaeote.uncultured euryarchaeote
Nanoarchaeaeota.Woesearchaeia.uncultured archaeon.uncultured archaeon
Nanoarchaeaeota.Woesearchaeia.Other.Other
Nanoarchaeaeota.Woesearchaeia.Nanoarchaeota archaeon SCGC AAA011-D5.Nanoarchaeota archaeon SCGC AAA011-D5
Nanoarchaeaeota.Woesearchaeia.Candidatus Pacearchaeota archaeon RBG_19FT_COMBO_34_9.Candidatus Pacearchaeota archaeon RBG_19FT_COMBO_34_9
Nanoarchaeaeota.Woesearchaeia.Candidatus Diapherotrites archaeon ADurb.Bin253.Candidatus Diapherotrites archaeon ADurb.Bin253
Nanoarchaeaeota.Woesearchaeia.archaeon GW2011_AR18.archaeon GW2011_AR18
Nanoarchaeaeota.Nanohaloarchaeia.Aenigmarchaeales.uncultured archaeon
Lentisphaerae.Other.Other.Other
Lentisphaerae.Lentisphaeria.Victivallales.PRD18C08
Lentisphaerae.Lentisphaeria.Victivallales.Other
Lentisphaerae.Lentisphaeria.Victivallales.GWF2-44-16
LCP-89.uncultured bacterium.uncultured bacterium.uncultured bacterium
Latescibacteria.uncultured bacterium.uncultured bacterium.uncultured bacterium
Latescibacteria.Other.Other.Other
Kiritimatiellaeota.Kiritimatiellae.WCHB1-41.Other
Hydrothermarchaeota.Other.Other.Other
Gammaproteobacteria.Xanthomonadales.Xanthomonadaceae
Gammaproteobacteria.Pseudomonadales.Pseudomonadaceae
Gammaproteobacteria.Pseudomonadales.Moraxellaceae
Gammaproteobacteria.Other.Other
Gammaproteobacteria.Methylococcales.Methylomonaceae
Gammaproteobacteria.Legionellales.Legionellaceae
Gammaproteobacteria.Enterobacteriales.Enterobacteriaceae
Gammaproteobacteria.Ectothiorhodospirales.Ectothiorhodospiraceae
Gammaproteobacteria.Coxiellales.Coxiellaceae
Gammaproteobacteria.Cellvibrionales.Porticoccaceae
Gammaproteobacteria.Acidiferrobacterales.Acidiferrobacteraceae
Firmicutes.Other.Other.Other
Firmicutes.Clostridia.Clostridiales.Peptococcaceae
Firmicutes.Clostridia.Clostridiales.Gracilibacteraceae
Firmicutes.Bacilli.Lactobacillales.Streptococcaceae
Firestonebacteria.Other.Other.Other
Euryarchaeota.Thermoplasmata.Marine Group II.uncultured euryarchaeote
Euryarchaeota.Thermoplasmata.Marine Group II.Other
Euryarchaeota.Methanomicrobia.Methanosarcinales.Methanoperedenaceae
Euryarchaeota.Methanobacteria.Methanobacteriales.Methanobacteriaceae
Elusimicrobia.Rs-M47.uncultured organism.uncultured organism
Elusimicrobia.Rs-M47.uncultured bacterium.uncultured bacterium
Elusimicrobia.Lineage IIc.Other.Other
Elusimicrobia.Lineage IIc.Elusimicrobia bacterium RIFOXYA2_FULL_39_19.Elusimicrobia bacterium RIFOXYA2_FULL_39_19
Elusimicrobia.Elusimicrobia.Lineage IV.uncultured bacterium
Elusimicrobia.Elusimicrobia.Lineage IV.Other
Edwardsbacteria.uncultured bacterium.uncultured bacterium.uncultured bacterium
Diapherotrites.Micrarchaeia.uncultured archaeon.uncultured archaeon
Diapherotrites.Iainarchaeia.Iainarchaeales.uncultured archaeon
Diapherotrites.Iainarchaeia.Iainarchaeales.Other
Diapherotrites.Iainarchaeia.Iainarchaeales.Diapherotrites archaeon SCGC AAA011-N19
Diapherotrites.Iainarchaeia.Iainarchaeales.Diapherotrites archaeon SCGC AAA011-K09
Deltaproteobacteria.Sva0485.uncultured delta proteobacterium
Deltaproteobacteria.PB19.uncultured organism
Deltaproteobacteria.PB19.Other
Deltaproteobacteria.Myxococcales.Phaselicystidaceae
Deltaproteobacteria.Myxococcales.Other
Deltaproteobacteria.Myxococcales.mle1-27
Deltaproteobacteria.Myxococcales.bacteriap25
Deltaproteobacteria.DTB120.uncultured bacterium
Deltaproteobacteria.DTB120.Other
Deltaproteobacteria.Desulfovibrionales.Desulfovibrionaceae
Deltaproteobacteria.Desulfovibrionales.Desulfomicrobiaceae
Deltaproteobacteria.Bdellovibrionales.Bdellovibrionaceae
Cyanobacteria.Melainabacteria.Obscuribacterales.Other
Cyanobacteria.Melainabacteria.Caenarcaniphilales.uncultured bacterium
Crenarchaeota.Bathyarchaeia.uncultured archaeon.uncultured archaeon
Crenarchaeota.Bathyarchaeia.Other.Other
Chloroflexi.Dehalococcoidia.Sh765B-AG-111.uncultured bacterium
Chloroflexi.Dehalococcoidia.Other.Other
Chloroflexi.Dehalococcoidia.H3.93.Other
Chloroflexi.Dehalococcoidia.GIF9.uncultured bacterium
Chloroflexi.Anaerolineae.RBG-13-54-9.Other
Chloroflexi.Anaerolineae.Anaerolineales.Anaerolineaceae
Chlamydiae.LD1-PA32.Other.Other
Chlamydiae.Chlamydiae.Chlamydiales.Parachlamydiaceae
Chlamydiae.Chlamydiae.Chlamydiales.cvE6
Betaproteobacteria.Betaproteobacteriales.Rhodocyclaceae
Betaproteobacteria.Betaproteobacteriales.Nitrosomonadaceae
Betaproteobacteria.Betaproteobacteriales.Methylophilaceae
Betaproteobacteria.Betaproteobacteriales.Hydrogenophilaceae
Bacteroidetes.Ignavibacteria.SJA-28.Other
Bacteroidetes.Ignavibacteria.OPB56.Other
Bacteroidetes.Ignavibacteria.Ignavibacteriales.PHOS-HE36
Bacteroidetes.Ignavibacteria.Ignavibacteriales.Other
Bacteroidetes.Ignavibacteria.Ignavibacteriales.Ignavibacteriaceae
Bacteroidetes.Bacteroidia.Sphingobacteriales.Lentimicrobiaceae
Bacteroidetes.Bacteroidia.Flavobacteriales.Flavobacteriaceae
Bacteroidetes.Bacteroidia.Chitinophagales.Saprospiraceae
Bacteroidetes.Bacteroidia.Bacteroidales.Prolixibacteraceae
Bacteroidetes.Bacteroidia.Bacteroidales.Dysgonomonadaceae
Bacteroidetes.Bacteroidia.Bacteroidales.Bacteroidetes vadinHA17
Bacteroidetes.Bacteroidia.Bacteroidales.Bacteroidetes BD2-2
Bacteria.Other
Atribacteria.JS1.uncultured bacterium.uncultured bacterium
Armatimonadetes.DG-56.uncultured bacterium.uncultured bacterium
Alphaproteobacteria.Rickettsiales.Mitochondria
Alphaproteobacteria.Rhizobiales.Rhizobiaceae
Alphaproteobacteria.Rhizobiales.Beijerinckiaceae
Alphaproteobacteria.Reyranellales.Reyranellaceae
Alphaproteobacteria.Parvibaculales.Parvibaculaceae
Alphaproteobacteria.Other.Other
Alphaproteobacteria.Caulobacterales.Hyphomonadaceae
Alphaproteobacteria.Caulobacterales.Caulobacteraceae
Actinobacteria.Thermoleophilia.Gaiellales.uncultured
Actinobacteria.RBG-16-55-12.uncultured bacterium.uncultured bacterium
Actinobacteria.RBG-16-55-12.Other.Other
Actinobacteria.Other.Other.Other
Actinobacteria.MB-A2-108.Other.Other
Actinobacteria.Coriobacteria.Other.Other
Actinobacteria.Coriobacteriia.OPB41.Other
Actinobacteria.Coriobacteriia.FS118-23B-02.Other
Acidobacteria.Subgroup 6.Other.Other
Acidobacteria.Subgroup 22.Other.Other
0
10
20
30
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