

otu taxonomy assignment

11548 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales Stable
19396 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobia;D_3__Acidimicrobiales;D_4__OM1
clade;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
19970
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__uncultured;D_6__
uncultured cyanobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
10701 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
13053 Unassigned Stable
12836
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
Stable
12835 Unassigned Stable
8540
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa;D_6__
uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
8297 Unassigned Stable
399 D_0__Bacteria;D_1__TM6;D_2__uncultured
bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
27898 Unassigned Stable
21931
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibri
o;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
21937 Unassigned Stable
271 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured
cyanobacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
15705 Unassigned Stable
24147
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__
uncultured Stable
37308 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
23266 Unassigned Stable
23267
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
38567 Unassigned Stable
8037 Unassigned Stable
12589 Unassigned Stable
12580
D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales;D_4__Nocardiaceae;D_5__Rhod
ococcus Stable
13982 Unassigned Stable
13983
D_0__Bacteria;D_1__Planctomycetes;D_2__Planctomycetacia;D_3__Planctomycetales;D_4__Planctomycetaceae;D_5__
Blastopirellula;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
13676 Unassigned Stable
16005
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
Stable

5860 Unassigned Stable
 19587 Unassigned Stable
 19584 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255
 marine benthic group Stable
 7948 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured
 bacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 16914 D_0__Bacteria Stable
 12205 Unassigned Stable
 10513 Unassigned Stable
 10510
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
 uncultured Stable
 26837 Unassigned Stable
 37432 Unassigned Stable
 24579 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Sporadic
 24570
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Legionellaceae;D_5__L
 egionella;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 23719 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast Stable
 23717 Unassigned Stable
 32583 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 35586
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;
 D_5__Marinomonas Stable
 32052 Unassigned Stable
 25710
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D
 _5__Peredibacter;D_6__uncultured delta
 proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 21877 Unassigned Stable
 21870
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__uncultured
 Stable
 18561 Unassigned Stable
 38601 Unassigned Sporadic
 38605 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Sva0996 marine
 group;D_5__uncultured
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 797 D_0__Bacteria;D_1__Proteobacteria;D_2__JTB23 Stable
 796
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Sphingomonadace
 ae;D_5__Sphingobium Stable
 15137 Unassigned Stable
 31764 Unassigned Stable
 34044 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 4326
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__Xanthomonadace
 ae;D_5__Rhodanobacter;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 832 Unassigned Stable
 9459 Unassigned Stable
 9457
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__u
 ncultured;D_6__uncultured Bacteroidetes
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

4240 Unassigned Stable

12466 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

12460
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5__Acidovorax Stable

12463
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

33376 Unassigned Stable

2555 Unassigned Stable

2558 Unassigned Stable

17146
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;D_5__Desulfobulbus;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

34280 Unassigned Stable

34288 Unassigned Stable

1442 Unassigned Sporadic

1449
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

27277
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Sporadic

25526
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Thiotrichales;D_4__Thiotrichaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

6823 Unassigned Stable

6964
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Ectothiorhodospiraceae Stable

37411 Unassigned Stable

31440
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__Ilumatobacter;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

3451 Unassigned Stable

14148
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

14143
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Halomonadaceae;D_5__Halomonas Stable

11188 Unassigned Stable

15362 D_0__Bacteria;D_1__Proteobacteria Stable

15363
D_0__Bacteria;D_1__Chloroflexi;D_2__Anaerolineae;D_3__Anaerolineales;D_4__Anaerolineaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

13325 Unassigned Stable

13326 Unassigned Stable

38857 Unassigned Stable

14802 Unassigned Stable

11879
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas Stable
1687 Unassigned Sporadic
29983
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007;D_5__uncultured Verrucomicrobia
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
28057
D_0__Bacteria;D_1__Chloroflexi;D_2__Anaerolineae;D_3__Anaerolineales;D_4__Anaerolineaceae;D_5__uncultured ;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
28053 Unassigned Stable
28059 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
6819 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
6934 Unassigned Stable
2294 Unassigned Stable
10916 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Sporadic
6815 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales Stable
22951 Unassigned Stable
22954 Unassigned Stable
37307 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast Stable
37300 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae Stable
3040 Unassigned Stable
21077 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
27414
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Arthrospira Stable
29040
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__uncultured;D_6__uncultured cyanobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
29043
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae Stable
31066
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;D_5__Alteromonas Stable
3955
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
35294 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
22137 Unassigned Stable
4453 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured Stable
4452 Unassigned Stable
18815 Unassigned Stable
7124
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae Stable
7121 Unassigned Stable
37629
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae Stable

14758 Unassigned Stable
14754
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
14753 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Clostridiaceae 1 Stable
5574 Unassigned Stable
5572 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Order II;D_4__Rhodothermaceae;D_5__uncultured Stable
30075 Unassigned Stable
31302 Unassigned Stable
28352 Unassigned Stable
19056
D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micrococcales;D_4__Brevibacteriaceae;D_5__Brevibacterium Sporadic
19057 Unassigned Stable
16626 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__E01-9C-26 marine group;D_4__uncultured bacterium;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
12752
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae Stable
16994 Unassigned Stable
12287 Unassigned Sporadic
12288
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
13150 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Sporadic
20680 Unassigned Stable
20685 D_0__Bacteria;D_1__Proteobacteria Stable
20684
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae Stable
1341 Unassigned Stable
26353 Unassigned Sporadic
33486
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
36991
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
33484
D_0__Bacteria;D_1__Nitrospirae;D_2__Nitrospira;D_3__Nitrospirales;D_4__Nitrospiraceae;D_5__Nitrospira;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
4953 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
3367
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Andersenella;D_6__uncultured alpha proteobacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
4270 Unassigned Stable
35318 D_0__Bacteria;D_1__Chlorobi;D_2__Chlorobia;D_3__Chlorobiales;D_4__OPB56;D_5__uncultured bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Sporadic
35317
D_0__Bacteria;D_1__Firmicutes;D_2__Erysipelotrichia;D_3__Erysipelotrichales;D_4__Erysipelotrichaceae;D_5__Incertae Sedis;D_6__Eubacterium tortuosum;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

35316 Unassigned Stable
 23184 Unassigned Stable
 30890
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__Enhydrobacter;D_6__uncultured Enhydrobacter
 sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
 25921 Unassigned Stable
 23458 Unassigned Stable
 30126 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine benthic group Stable
 33209 Unassigned Stable
 12974 Unassigned Stable
 7085
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__Filomicrobium Stable
 7084 Unassigned Stable
 15474 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae Stable
 13730 Unassigned Stable
 13738 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__OM1 clade Stable
 16819 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__E01-9C-26 marine group;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 10415 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine benthic group;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 2864
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured;D_6__uncultured alpha proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 35157
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Muricauda Stable
 26496 Unassigned Stable
 38250 Unassigned Stable
 33449 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 15671 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__uncultured Stable
 6688 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 6681 Unassigned Stable
 6685 Unassigned Stable
 6356 Unassigned Stable
 10162
 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Propionibacteriales;D_4__Propionibacteriaceae;D_5__Propionibacterium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 29900 Unassigned Stable
 16133
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
 33553
 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Streptococcaceae;D_5__Lactococcus;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 2213
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Nannocystaceae;D_5__uncultured;D_6__uncultured delta

proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 2217 Unassigned Stable
 2216 Unassigned Sporadic
 2215 Unassigned Stable
 27949
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__uncultured;D_5__uncultured
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
 27943 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria Stable
 27947
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__uncultur
 ed Stable
 20449
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
 _5__Rhodovulum;D_6__uncultured Rhodovulum
 sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 20448 Unassigned Stable
 10202
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 37258
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__
 Hyphomicrobium Stable
 28710 Unassigned Stable
 438
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_
 5__Moraxella Stable
 32879 Unassigned Stable
 35472
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Ande
 rseniella;D_6__uncultured alpha
 proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
 23803
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Cox
 iella;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 23801
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Chitinophagaceae;D_5_
 _uncultured Stable
 27137 Unassigned Stable
 32294
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Cox
 iella Stable
 5355 Unassigned Stable
 32127
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
 Stable
 32128
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
 ae;D_5__Pseudomonas Sporadic
 3248 Unassigned Stable
 3247
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
 Stable
 18180 Unassigned Stable
 13142 Unassigned Stable
 8646 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__S26-47;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

17570 Unassigned Stable
13404 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Sporadic
20604
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae;D_5__uncultured;D_6__uncultured
bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
20608 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured
bacterium;D_3__D_4__D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Sporadic
11936 Unassigned Stable
11935 Unassigned Stable
37081 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales Sporadic
1031 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Ruminococcaceae Stable
11062 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade Stable
8085 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae
Stable
25174 Unassigned Stable
10814
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Ruminococcaceae;D_5__uncultured;D_6__uncultured
bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Sporadic
16302 Unassigned Stable
2390
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya
Stable
604 Unassigned Stable
23103 Unassigned Stable
23104
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Candidatus
Amoebophilus;D_6__uncultured Bacteroidetes
bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
26884 Unassigned Stable
35391 Unassigned Stable
28108 Unassigned Stable
31858 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured
bacterium;D_4__D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__
Stable
31852
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Flavobacterium;
D_6__uncultured
bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
31855
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D_5__uncultured
Stable
32620
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Granulosicoccaceae;D_5__Granulosicoccus;
D_6__uncultured
bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
32625 Unassigned Stable
32627
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium;
D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__
Stable
29352
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured
Stable
27305
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D

_5__uncultured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 27300 D_0__Bacteria;D_1__TM6;D_2__uncultured delta
 proteobacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15
 __;D_16__ Stable
 30484
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5
 __uncultured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 30485 Unassigned Stable
 18683 Unassigned Stable
 33288 Unassigned Stable
 18689
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__L
 ewinella Stable
 14563 Unassigned Stable
 18020 Unassigned Stable
 38109 D_0__Bacteria;D_1__Proteobacteria Stable
 15214
 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Peptococcaceae;D_5__uncultured;D_6__
 uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 16540 Unassigned Stable
 16547
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Ten
 acibaculum Stable
 12657 D_0__Bacteria;D_1__SHA-109;D_2__uncultured
 bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 20012 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 20019 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales Stable
 29475 Unassigned Stable
 1260 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast Stable
 5364 D_0__Bacteria;D_1__BD1-5;D_2__uncultured
 bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 32397
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
 D_5__Haliae;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 25031
 D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__Spirocha
 eta Stable
 24925 Unassigned Stable
 24926 Unassigned Stable
 2633 Unassigned Stable
 9591 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__S26-47;D_4__uncultured alpha
 proteobacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 38885 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 24079 Unassigned Stable
 20977 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 3133 Unassigned Stable
 27528
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 23315
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Mur

icauda Stable
 32981
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Pseudahrensia;D_6__uncultured
 bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 22046 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 22042 D_0__Bacteria;D_1__Bacteroidetes Stable
 33326 Unassigned Stable
 36660
 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Verrucomicrobiaceae;D_5__Haloferula Stable
 15532 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
 8238 Unassigned Stable
 7630
 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales;D_4__Mycobacteriaceae;D_5__Mycobacterium Stable
 34395 Unassigned Stable
 17260 Unassigned Stable
 12378
 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales;D_4__Mycobacteriaceae;D_5__Mycobacterium;D_6__Mycobacterium sp.
 'Bavariae';D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 21572 Unassigned Stable
 21576 Unassigned Stable
 21578 Unassigned Stable
 11880
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Aliihoeflea;D_6__uncultured Aliihoeflea
 sp.;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Sporadic
 20228
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured
 bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 27647 Unassigned Stable
 23884
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Syntrophobacteriales;D_4__Syntrophaceae;D_5__uncultured;D_6__uncultured
 bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 23885 Unassigned Stable
 8577 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 8570 Unassigned Stable
 8571 Unassigned Sporadic
 8572 Unassigned Stable
 22687 D_0__Bacteria;D_1__TM6 Stable
 25487
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Alcanivoracaceae;D_5__Alcanivorax;D_6__uncultured
 bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 34821 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Aerococcaceae Stable
 34822
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Aquicella Stable
 15739 Unassigned Stable
 34174 Unassigned Stable
 36772
 D_0__Bacteria;D_1__Deferribacteres;D_2__Deferribacteres;D_3__Deferribacterales;D_4__Deferribacterales
 Incertae Sedis;D_5__Caldithrix;D_6__uncultured

bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 38532 Unassigned Stable
 5081 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 5335 Unassigned Stable
 5334
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
 Stable
 5338
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
 Candidatus Riegeria Stable
 36143
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__u
 ncultured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 17812 Unassigned Stable
 12550 Unassigned Stable
 7466 Unassigned Stable
 2310 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured
 bacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 5852
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__
 Nitrosococcus;D_6__unidentified bacterium
 wb1_P19;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 21290
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
 21297
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya
 Stable
 21299 Unassigned Stable
 29360
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine
 benthic group;D_5__uncultured gamma
 proteobacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 10565 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales Stable
 21433 D_0__Bacteria;D_1__Acidobacteria;D_2__Holophagae;D_3__Subgroup 10;D_4__CA002 Stable
 21432
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobacteraceae;
 D_5__Sva0081 sediment group;D_6__uncultured sediment
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 8838 Unassigned Stable
 8837 Unassigned Stable
 8833 Unassigned Stable
 26808
 D_0__Bacteria;D_1__Chloroflexi;D_2__Caldilineae;D_3__Caldilineales;D_4__Caldilineaceae;D_5__uncultured
 Stable
 29587
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
 _5__uncultured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 34375
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__
 Filomicrobium;D_6__uncultured
 organism;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 1578 Unassigned Stable
 1571

D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micromonosporales;D_4__Micromonosporaceae;D_5__Planosporangium Stable
1576 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
25727 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
27384
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
Stable
32009 Unassigned Stable
32002
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured;D_6__uncultured alpha
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
24898 Unassigned Stable
3693
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Sphingomonadaceae Stable
3694
D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
38631
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Sphingomonadaceae;D_5__SphingobiumStable
4283 Unassigned Stable
4288 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__EC3;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
4751
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
4755 Unassigned Sporadic
20725 Unassigned Stable
20094 Unassigned Stable
10365 Unassigned Stable
6222 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Order III;D_4__Unknown Family;D_5__Balneola;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
6225
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
803
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium Stable
35517 Unassigned Stable
22825
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured alpha
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
36814 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales Stable
409
D_0__Bacteria;D_1__Planctomycetes;D_2__Phycisphaerae;D_3__Phycisphaerales;D_4__Phycisphaeraceae;D_5__Phycisphaera;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
24758
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae;D_5__Hellea;D_6__uncultured alpha

proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 28665
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
 ae;D_5__Pseudomonas;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 31954 Unassigned Stable
 4611 Unassigned Stable
 23932 Unassigned Stable
 23939 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade Stable
 145 Unassigned Stable
 36596
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
 obium;D_6__uncultured alpha
 proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 18965 Unassigned Stable
 18963
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 14195 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Spartobacteria;D_3__Chthoniobacterales;D_4__DA101 soil
 group;D_5__uncultured
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 13873 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__MSB-
 1E8;D_5__uncultured
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 5669
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Non
 labens Stable
 208
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
 Aquamicrobium;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 12043 Unassigned Stable
 12044 Unassigned Stable
 21646
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__
 Devosia Stable
 37345 Unassigned Stable
 26204
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Sphingomonadace
 ae;D_5__Sphingomonas Stable
 17402 Unassigned Sporadic
 10759
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;D
 _5__Desulforhopalus;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 10750
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriacea
 e;D_5__Escherichia-Shigella Stable
 10751 Unassigned Stable
 11808 Unassigned Stable
 20115
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 29736 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
 12861
 D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__Spirocha
 eta;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__

Stable
 12863
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriaceae;D_5__Escherichia-Shigella;D_6__uncultured
 bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 12864 Unassigned Stable
 23290 D_0__Bacteria;D_1__Acidobacteria;D_2__Acidobacteria;D_3__Subgroup 4;D_4__Unknown
 Family;D_5__Blastocatella Stable
 5243 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured
 bacterium;D_4__;;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__
 Stable
 26513 Unassigned Stable
 25376 Unassigned Stable
 21980
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured
 bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 9728
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable
 24133 Unassigned Stable
 3078 Unassigned Stable
 27449
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae Stable
 23214 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 3920 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales Stable
 3924 Unassigned Stable
 34714
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
 Stable
 34712 Unassigned Stable
 34711
 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Streptococcaceae;D_5__Streptococcus;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 34718
 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Verrucomicrobiaceae;D_5__Roseibacillus Stable
 6094 Unassigned Stable
 36237
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured
 bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Sporadic
 7171
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured
 bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 30027 Unassigned Stable
 13938 Unassigned Stable
 6843 Unassigned Stable
 13931 Unassigned Stable
 33634 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 19682 Unassigned Sporadic
 6731
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium Stable
 7913 Unassigned Stable
 29501 Unassigned Stable

27078

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae;D_5__Erythrobacter Stable

9912 Unassigned Stable

22418 Unassigned Stable

26304 Unassigned Stable

21826

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Aquamicrobium;D_6__uncultured

bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

8668 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast Stable

26485

D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Phormidium Stable

18535 Unassigned Stable

4203

D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobacteraceae Stable

4207

D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Arthrospira;D_6__uncultured cyanobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__

Stable

34035 Unassigned Stable

35345 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

35343

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Pseudahrensia Stable

6115 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured

cyanobacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

7282 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

34893 Unassigned Stable

5505 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Sporadic

7704 Unassigned Stable

7705 Unassigned Stable

19188 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

28924

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Parvularculales;D_4__Parvularculaceae;D_5__Parvularcula Stable

28927 Unassigned Sporadic

28920 Unassigned Sporadic

28923 Unassigned Stable

13768 Unassigned Stable

16844

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae Stable

16841 Unassigned Stable

29204 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Order III;D_4__Unknown Family;D_5__Balneola Stable

10440 Unassigned Stable

21776 Unassigned Stable

2834

D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Caldicoprobacteraceae;D_5__Caldicoprobacter;D_6__uncultured Clostridiales

bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

2830 Unassigned Stable

35184 Unassigned Stable

34584 Unassigned Stable
25644 Unassigned Stable
35856 Unassigned Stable
26178 Unassigned Stable
26171 Unassigned Stable
3401 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
3403 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__EC3;D_4__uncultured
bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
3409
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
D_5__Pseudomonas;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
4874 Unassigned Stable
36514 Unassigned Stable
36510
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__unc
ultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
3186
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D
_5__Peredibacter;D_6__uncultured delta
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
37649 Unassigned Stable
4011 Unassigned Stable
4010
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Sphingomonadace
ae;D_5__Sphingobium;D_6__alpha proteobacterium
GMD21C04;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
19430
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__unc
ultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
1441 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast Stable
1634 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales Stable
1635
D_0__Bacteria;D_1__Firmicutes;D_2__Erysipelotrichia;D_3__Erysipelotrichales;D_4__Erysipelotrichaceae;D_5__unc
ultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
1636 Unassigned Stable
14251
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
Stable
14259
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Lachnospiraceae;D_5__Epulopiscium;D
_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
1182
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Cardiobacteriales;D_4__Cardiobacteriaceae
;D_5__uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
1181 Unassigned Sporadic
16496 Unassigned Stable
4836 Unassigned Stable
2263 Unassigned Stable
22908 Unassigned Stable
9419 Unassigned Stable
27990 Unassigned Stable
27991 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured

bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 20418
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 20410 Unassigned Stable
 37952
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5__
 Variovorax;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 405 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured
 organism;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 28740
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillales
 Incertae Sedis;D_5__Candidatus Alysiosphaera Stable
 35445 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured
 bacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 27140 Unassigned Stable
 27148
 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Spartobacteria;D_3__Chthoniobacterales;D_4__01D2Z36;D_5__uncult
 ured organism;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 36494
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__uncultured;D_5__uncult
 ured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 18841 Unassigned Stable
 18846 Unassigned Stable
 3237 D_0__Bacteria;D_1__Proteobacteria;D_2__TA18;D_3__uncultured
 bacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 34899 Unassigned Stable
 548
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Chitinophagaceae;D_5__
 uncultured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 16659 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Sva0996 marine
 group;D_5__uncultured
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 21126 Unassigned Stable
 17521
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Thiotrichales;D_4__Piscirickettsiaceae;D_5__
 Cycloclasticus;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 21192 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__0319-
 6G20;D_5__uncultured
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 8635 Unassigned Stable
 7339 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__S26-47;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 992 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast Stable
 15934
 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Streptococcaceae;D_5__Streptococcus;D_6__
 uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 8636 Unassigned Stable
 9999 Unassigned Stable
 28230 Unassigned Stable

11038 Unassigned Stable
 2332 Unassigned Stable
 2433 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae
 Stable
 16353
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
 ae;D_5__Pseudomonas Stable
 16359 Unassigned Stable
 36962 Unassigned Stable
 36967
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;
 D_5__Marinomonas Sporadic
 1809
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 29626
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__u
 ncultured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 24626 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__LWSR-
 14;D_5__uncultured
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 22759 Unassigned Stable
 4503 Unassigned Stable
 4509 Unassigned Stable
 37094 Unassigned Sporadic
 12904
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Oscillatoria
 Stable
 7037
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Cox
 iella Stable
 14685
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 14534 D_0__Bacteria;D_1__Proteobacteria Stable
 38151
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Neisseriales;D_4__Neisseriaceae;D_5__uncult
 ured Stable
 38153 Unassigned Stable
 16592 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 16595 Unassigned Stable
 12685 Unassigned Stable
 7814
 D_0__Bacteria;D_1__Chloroflexi;D_2__Caldilineae;D_3__Caldilineales;D_4__Caldilineaceae;D_5__uncultured;D_6__
 uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
 9370
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__Rickettsiaceae;D_5__unc
 ultured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 1928 Unassigned Stable
 13225 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast Stable
 14940
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
 obium;D_6__uncultured alpha
 proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 20029 Unassigned Stable

14286 D_0__Bacteria;D_1__Proteobacteria Stable
22511 Unassigned Stable
18991 Unassigned Stable
20927 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales Stable
33413 Unassigned Stable
33414
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__Acinetobacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
4366 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured alpha proteobacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
37860
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya Stable
37863 Unassigned Stable
4091
D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micrococcales;D_4__Micrococcaceae;D_5__Arthroacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
4099 Unassigned Sporadic
25834 Unassigned Stable
23367 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
26312 Unassigned Stable
6659 D_0__Bacteria Stable
6655 Unassigned Stable
6388 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Sva0996 marine group Stable
36381 Unassigned Stable
5696 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
5374 Unassigned Stable
17236 Unassigned Stable
9238 Unassigned Stable
12349 Unassigned Stable
10276 Unassigned Stable
26794
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Defluviicoccus;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
24321
D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Propionibacteriales;D_4__Propionibacteriaceae;D_5__Propionibacterium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
34464 Unassigned Stable
23566 Unassigned Stable
23561
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5__Acidovorax;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
23563
D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
23562 Unassigned Stable
32171 Unassigned Stable
26237 Unassigned Stable
3720 Unassigned Stable

14017 Unassigned Stable
36410 Unassigned Stable
34811 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
31178 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
19942 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__JG34-KF-
361;D_5__uncultured
bacterium;D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
15761 Unassigned Stable
18228 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Sva0071;D_4__uncultured
bacterium;D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
4119 Unassigned Stable
9265 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibri
o;D_6__uncultured Vibrio sp.;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__
Stable
1069 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5
__Pelagibius Stable
2344 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__MBAE14
Stable
2348 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable
1889 Unassigned Sporadic
17009 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa;D_6
__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
9681 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
D_5__Microbulbifer Stable
29336 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__uncultured;D_6__uncultured
organism;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
8806 Unassigned Stable
936 Unassigned Stable
34690 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
Stable
1501 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
Aliihoeflea;D_6__uncultured Aliihoeflea
sp.;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
23153 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
3889 Unassigned Stable
35561 D_0__Bacteria;D_1__Proteobacteria Stable
27352 Unassigned Stable
27350 Unassigned Stable
33125 Unassigned Stable
26000 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__Roseobacter Stable
3577 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
uncultured;D_6__uncultured
bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
3572

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
obium Stable
38666 Unassigned Stable
38660 Unassigned Stable
1164 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
33878 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable
23536
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
15261 Unassigned Stable
39208 Unassigned Stable
12609 Unassigned Stable
12601
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
12605
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae
Stable
12607 Unassigned Stable
21001 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
4705 Unassigned Stable
4702 Unassigned Stable
17642 Unassigned Stable
17644 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast Stable
13559 Unassigned Stable
13552
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5
__uncultured;D_6__uncultured alpha
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
13556 Unassigned Stable
7271 Unassigned Stable
6976 Unassigned Stable
28370 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Sva0996 marine
group Stable
1299 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhizobiaceae
Stable
28994
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
28991 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae
Stable
16252 Unassigned Stable
22876 Unassigned Stable
24085
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
24705 D_0__Bacteria Sporadic
179
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__uncultured Stable
170 Unassigned Stable
30626 Unassigned Stable
7668 Unassigned Stable
13845 Unassigned Stable

14348 Unassigned Stable
 16721
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Hydrogenophilales;D_4__Hydrogenophilaceae
 ;D_5__Thiobacillus;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 14866 Unassigned Stable
 13077 Unassigned Sporadic
 22657
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Rhodocyclales;D_4__Rhodocyclaceae;D_5__D
 echloromonas Stable
 26546 Unassigned Stable
 32247 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 2184 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria Stable
 6806 Unassigned Stable
 2723
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae
 Stable
 9779
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Mur
 icauda Stable
 24169 Unassigned Stable
 37983 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Methylococcales Stable
 3025
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
 Stable
 30350 D_0__Bacteria;D_1__Candidate division OP11;D_2__uncultured
 bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 30355
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__P
 seudahrensia;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 32722 Unassigned Stable
 36112 Unassigned Stable
 7145 Unassigned Stable
 30016 Unassigned Stable
 1287 Unassigned Stable
 28369
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Rhodocyclales;D_4__Rhodocyclaceae Stable
 13650 Unassigned Stable
 13655 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales Stable
 11249
 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Streptococcaceae;D_5__Streptococcus;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 11240 Unassigned Stable
 10536 Unassigned Stable
 21464 Unassigned Stable
 26854
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 13136
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
 ae;D_5__Pseudomonas Stable
 28463 Unassigned Stable
 1588 Unassigned Stable
 23735 Unassigned Stable
 27029

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae;D_5__Erythrobacter Stable
35071 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
35073 D_0__Bacteria;D_1__Cyanobacteria;D_2__Melainabacteria Stable
9922 Unassigned Stable
24826 Unassigned Stable
3642
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
18505 Unassigned Stable
33709 Unassigned Stable
31701 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae Stable
4789 Unassigned Stable
6274 Unassigned Stable
858 D_0__Bacteria;D_1__Proteobacteria Stable
5220 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae Stable
14364
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya Sporadic
7754
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibrio Stable
7757 Unassigned Stable
13754 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29 Sporadic
8675 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Sva0996 marine group;D_5__uncultured bacterium;D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Sporadic
2577 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae Stable
11452
D_0__Bacteria;D_1__Chloroflexi;D_2__Anaerolineae;D_3__Anaerolineales;D_4__Anaerolineaceae;D_5__uncultured Stable
24271
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Pseudahrensia Stable
34266
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
34263 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade Stable
24781 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__SS1-B-06-26 Stable
28637 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
32959 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured bacterium;D_4__D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
22361
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
23943 Unassigned Stable
32373
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;D_5__Desulfocapsa;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
26127 Unassigned Stable

26123
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Caldicoprobacteraceae;D_5__Caldicopro
bacter;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

37472 Unassigned Stable
37473 Unassigned Stable
37474 D_0__Bacteria;D_1__Proteobacteria Stable
3432 Unassigned Stable
18315 Unassigned Stable
38056
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Salinisphaerales;D_4__Salinisphaeraceae;
D_5__Salinisphaera;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

38058
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Candida
tus Amoebophilus Stable
6096 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales Stable
15342
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
15345
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5
__Pelagibius Stable
15349
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
ae;D_5__Pseudomonas;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

33536
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
20143
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya;D
_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
6330 Unassigned Stable
10100
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

11856 Unassigned Sporadic
20921
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
Stable
332 Unassigned Stable
25304 Unassigned Stable
31207
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__Prochlorococcus;
D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
16197 Unassigned Stable
16190
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__uncultured Stable
22931
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
Stable
21379
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae

Sporadic
21374 Unassigned Stable
21375 Unassigned Stable
17715 Unassigned Stable
27431
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__uncultured;D_5__uncultured delta proteobacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
37246 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured cyanobacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
29025 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
26746
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__Ilumatobacter Stable
24423 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__K189A clade;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
22117
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
35419 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
4473 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfuromonadales;D_4__GR-WP33-58;D_5__uncultured delta proteobacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
36269
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
5345
D_0__Bacteria;D_1__Bacteroidetes;D_2__Bacteroidia;D_3__Bacteroidales;D_4__Bacteroidaceae;D_5__Bacteroides;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
5340
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Sporadic
6443 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Lachnospiraceae;D_5__uncultured Stable
38791
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae Stable
13965 Unassigned Stable
18129
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
31320 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Order Incertae Sedis;D_4__Family Incertae Sedis;D_5__Marinicella;D_6__uncultured gamma proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
15064 Unassigned Stable
16601
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D_5__Peredibacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
12772 Unassigned Stable
21178 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
30184
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
36314 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Cytophagaceae

Stable
1367
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bdellovibrionaceae;D_5__Bdellovibrio;D_6__uncultured organism;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
26372 Unassigned Stable
9638
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Lyngbya;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
9631 Unassigned Stable
9632 Unassigned Stable
30256
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__uncultured Stable
31127 Unassigned Stable
31123 Unassigned Stable
31121 Unassigned Stable
3838
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
Stable
35334 Unassigned Stable
22703 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
38426 Unassigned Stable
36017 Unassigned Stable
36015 Unassigned Stable
38162 Unassigned Stable
19285 Unassigned Stable
33781
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
19828 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__NKB5 Stable
21702 Unassigned Stable
21708
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Hoeflea;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Sporadic
26950 Unassigned Stable
23678 Unassigned Stable
35130 Unassigned Stable
35134 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Sva0071;D_4__uncultured bacterium;D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
35136
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
8450 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
31563 Unassigned Stable
25633 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__0319-6G20;D_5__uncultured bacterium;D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
24949 Unassigned Stable
24947
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
18423 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
33428 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria Stable

15611 Unassigned Stable
38892
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Defluviicoccus Stable
18391 Unassigned Stable
39364
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
999 Unassigned Stable
36604 Unassigned Sporadic
36603 Unassigned Stable
8242
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__ ;D_8__ ;D_9__ ;D_10__ ;D_11__ ;D_12__ ;D_13__ ;D_14__ ;D_15__ ;D_16__ Stable
15551
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;D_5__Pseudospirillum;D_6__uncultured bacterium;D_7__ ;D_8__ ;D_9__ ;D_10__ ;D_11__ ;D_12__ ;D_13__ ;D_14__ ;D_15__ ;D_16__ Stable
15550 Unassigned Stable
34387 D_0__Bacteria;D_1__Proteobacteria Stable
8241
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Sphingomonadaceae;D_5__Novosphingobium Stable
16118
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
11663 Unassigned Stable
27927 Unassigned Stable
17796
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium Stable
34459 D_0__Bacteria;D_1__Candidate division WS6;D_2__uncultured bacterium;D_3__ ;D_4__ ;D_5__ ;D_6__ ;D_7__ ;D_8__ ;D_9__ ;D_10__ ;D_11__ ;D_12__ ;D_13__ ;D_14__ ;D_15__ ;D_16__ Stable
32853 Unassigned Stable
27111 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria Stable
22199
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya Stable
22193 Unassigned Stable
22192
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae Stable
32149 Unassigned Stable
32148 Unassigned Stable
32143 Unassigned Sporadic
26244
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae Sporadic
3843
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Oxalobacteraceae;D_5__Massilia Stable
2170
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Mesorhizobium;D_6__uncultured bacterium;D_7__ ;D_8__ ;D_9__ ;D_10__ ;D_11__ ;D_12__ ;D_13__ ;D_14__ ;D_15__ ;D_16__ Stable

3844 Unassigned Stable

35226 Unassigned Stable

18218 Unassigned Stable

38718 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__P5D1-392;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

30546 Unassigned Sporadic

30545 Unassigned Stable

38929 Unassigned Stable

15796 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Sva0996 marine group Stable

15790 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Tistlia Stable

35525 Unassigned Stable

39443 Unassigned Sporadic

39193 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__Portibacter;D_6__uncultured Bacteroidetes bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic

4141 Unassigned Stable

4140 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

17558 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae Stable

13425 D_0__Bacteria;D_1__Proteobacteria Stable

6074 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae Stable

29885 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__GR-WP33-30 Stable

29888 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Pseudahrensia Stable

11043 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

11041 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae Stable

15963 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Roseovarius Stable

12537 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured Stable

16096 Unassigned Stable

2371 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Croceitalea Stable

21234 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__Subsection III;D_4__Family I;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

17052 Unassigned Stable

17051 Unassigned Stable

664 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured;D_6__uncultured Rhodospirillaceae bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

30835 Unassigned Stable

34641
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

34648 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__NKB5;D_4__uncultured
bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
24672

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibri
o Stable

31878 D_0__Bacteria;D_1__Proteobacteria Stable

27328 Unassigned Stable

3541
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__uncultured Stable

763 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured
Mesorhizobium sp.;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable

14588 Unassigned Stable

5760 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

15185 Unassigned Stable

15237 Unassigned Stable

12187 Unassigned Stable

21784 Unassigned Stable

13582 Unassigned Stable

13585
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__Phaeomarinomonas;D_6__uncultured alpha
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
20784

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
Hoeflea;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

20788 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast Stable

14919 Unassigned Stable

9461
D_0__Bacteria;D_1__Planctomycetes;D_2__Phycisphaerae;D_3__Phycisphaerales;D_4__Phycisphaeraceae;D_5__P
hycisphaera;D_6__uncultured Planctomycetales
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

1791 Unassigned Stable

29457 D_0__Bacteria;D_1__Proteobacteria Stable

18016
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

27986 Unassigned Stable

32400
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteracea
e;D_5__Erythrobacter;D_6__uncultured Novosphingobium
sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

25013 Unassigned Stable

36878 Unassigned Stable

24053 Unassigned Stable

22844
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__
Hyphomicrobium;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

20994
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__unc
ultured;D_6__uncultured

bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 20996 Unassigned Stable
 30119 Unassigned Stable
 27505 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 29156 Unassigned Stable
 25865 D_0__Bacteria;D_1__Firmicutes Stable
 23331
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
 Defluviicoccus;D_6__uncultured alpha
 proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 23336 Unassigned Stable
 31935 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 5147 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured
 bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 123 Unassigned Stable
 15884
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibri
 o;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 8214 Unassigned Stable
 37157
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Pseudoalteromona
 daceae;D_5__Pseudoalteromonas;D_6__uncultured gamma
 proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 6943 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable
 20245 Unassigned Stable
 11827
 D_0__Bacteria;D_1__Fusobacteria;D_2__Fusobacteriia;D_3__Fusobacteriales;D_4__boneC3G7;D_5__uncultured
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 1160 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae
 Stable
 471 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__EC3;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 479 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 35763
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
 _5__Ruegeria Stable
 22664 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__LWSR-
 14;D_5__uncultured alpha
 proteobacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 22661 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 22662
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
 uncultured;D_6__uncultured Rhodobacteraceae
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 26577 Unassigned Stable
 26571
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Granulosicoccaceae;D
 _5__Granulosicoccus;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 3770
 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Streptococcaceae;D_5__Streptococcus;D_6__
 uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 3778 Unassigned Stable
 21924

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium Sporadic
15712 Unassigned Stable
15710

D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__Ilumatobacter Stable
3997

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas Stable
3995 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007
Stable
33670 Unassigned Stable
32789 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
38515 Unassigned Stable
36208 Unassigned Stable
36166 Unassigned Stable
18718

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Nitratireductor Sporadic
33534 Unassigned Stable
17839 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Gammaproteobacteria Incertae Sedis;D_4__Unknown Family;D_5__Arenicella Stable
8029 Unassigned Stable
6879 Unassigned Stable
16017

D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Candidatus Amoebophilus;D_6__uncultured Sphingobacteriales
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
11297 Unassigned Stable
3901

D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
Stable
11748 Unassigned Stable
20894 Unassigned Stable
16903

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__Devosia;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
16907

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae
Stable
10509

D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Streptococcaceae;D_5__Streptococcus
Stable
24547 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Sva0996 marine group;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
24544 Unassigned Stable
28433 Unassigned Stable
28431

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Aliihoeflea;D_6__uncultured Aliihoeflea
sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
34311

D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micrococcales;D_4__Dermabacteraceae;D_5__Brachybacterium Stable
16205 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Family XII Stable

35599 Unassigned Stable
22259
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
32060
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine benthic group Stable
30421 Unassigned Stable
33886
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
27833 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
27835 Unassigned Stable
1258
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__DUNssu044;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
31480 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
4114 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
4776 Unassigned Stable
28565
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa Stable
33690
D_0__Bacteria;D_1__Chloroflexi;D_2__Caldilineae;D_3__Caldilineales;D_4__Caldilineaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
20700 Unassigned Stable
6249 D_0__Bacteria;D_1__Proteobacteria Stable
14993 Unassigned Stable
824 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
5538 Unassigned Stable
12477 Unassigned Stable
7762 Unassigned Stable
2528
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
11463 Unassigned Stable
17157 Unassigned Stable
17156 Unassigned Stable
17154
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
6570 Unassigned Stable
26677 Unassigned Stable
1458 Unassigned Stable
22351
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
35652 D_0__Bacteria;D_1__Chloroflexi;D_2__Ardenticatenia;D_3__uncultured Stable
23912
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
25517 Unassigned Stable
4893 Unassigned Stable

15807 Unassigned Stable
 31523 Unassigned Stable
 15376 Unassigned Stable
 39069 Unassigned Sporadic
 13338
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Sandaracinaceae
 Stable
 35904 Unassigned Stable
 29715 Unassigned Stable
 1692 Unassigned Stable
 28045
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured
 bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 2289 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__0319-6G20;D_5__uncultured
 bacterium;D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 16433 Unassigned Stable
 27462 Unassigned Stable
 27463
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas;D_6__Pseudomonas sp. Asd M6-6;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 29057 Unassigned Stable
 21810 D_0__Bacteria;D_1__Deinococcus-Thermus;D_2__Deinococci;D_3__Deinococcales;D_4__Trueperaceae;D_5__Truepera;D_6__uncultured
 bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 31053 Unassigned Stable
 31051 Unassigned Stable
 32882
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
 Stable
 34730 Unassigned Stable
 24479 Unassigned Stable
 38594
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfovibrionales;D_4__Desulfovibrionaceae;D_5__uncultured;D_6__uncultured
 bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 4440 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__EC3;D_4__uncultured
 bacterium;D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 30598 Unassigned Stable
 30596 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured
 bacterium;D_3__D_4__D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 30040 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria Stable
 33473
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Chitinophagaceae;D_5__uncultured Stable
 11212 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 11214
 D_0__Bacteria;D_1__Fusobacteria;D_2__Fusobacteriia;D_3__Fusobacteriales;D_4__boneC3G7;D_5__uncultured
 bacterium;D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 648 Unassigned Stable
 33735 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 9149
 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007;D_5__uncultured
 bacterium;D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

17327
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Marinos
cillum Stable
10674 Unassigned Stable
16983 Unassigned Stable
20810 Unassigned Stable
21493 Unassigned Stable
33732 Unassigned Stable
11984 Unassigned Stable
13166 Unassigned Stable
1086 Unassigned Stable
1082 Unassigned Stable
29520 D_0__Bacteria;D_1__Cyanobacteria Stable
8697 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured
bacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
32576 Unassigned Stable
32573
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
37400 D_0__Bacteria;D_1__Cyanobacteria;D_2__Melainabacteria;D_3__Gastranaerophilales;D_4__uncultured
organism;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
3468 Unassigned Stable
24872 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__NKB5 Stable
9663 Unassigned Stable
36986 Unassigned Stable
37056
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
Aquamicrobium;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
3895 Unassigned Stable
30200 Unassigned Stable
1383
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
Stable
25914 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
23420 Unassigned Stable
23423
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine
benthic group;D_5__uncultured gamma
proteobacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
28476 Unassigned Stable
38410 D_0__Bacteria;D_1__Cyanobacteria Stable
38416 Unassigned Stable
36045 Unassigned Stable
34982 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__uncultured;D_4__uncultured
bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
7097
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;D
_5__uncultured;D_6__uncultured delta
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
15462 Unassigned Stable
11392 Unassigned Stable
7873 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales Stable
16860 Unassigned Stable
12150 Unassigned Stable
12151 Unassigned Stable

26907 Unassigned Stable
1984
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
2815 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__E01-9C-26 marine
group;D_4__uncultured
bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
29486 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
28681
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Polyangiaceae;D_5__Sor
angium Stable
28689 Unassigned Stable
27756 Unassigned Stable
27284 Unassigned Sporadic
32307 Unassigned Stable
32304
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Methylococcales;D_4__Methylococcaceae;
D_5__Methylocaldum;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
32302
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__
Nitrosococcus;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
25594 Unassigned Stable
25598 Unassigned Stable
2048 Unassigned Stable
36531 Unassigned Stable
36538 D_0__Bacteria;D_1__Planctomycetes;D_2__Phycisphaerae;D_3__Phycisphaerales;D_4__AKAU3564
sediment group;D_5__uncultured
planctomycete;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
34975
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
39356
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
4035 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__HOC36 Stable
19413 Unassigned Stable
6363 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007
Stable
6367
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;
D_5__Neptuniibacter;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
10157 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
14891 Unassigned Stable
1619
D_0__Bacteria;D_1__Chlorobi;D_2__Chlorobia;D_3__Chlorobiales;D_4__Chlorobiaceae;D_5__uncultured;D_6__unc
ultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
14276 Unassigned Stable
5473
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Candida
tus Amoebophilus;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

366 Unassigned Stable
10984 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Sva0071 Stable
2206
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
Stable
11587 Unassigned Stable
11580
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
21387 Unassigned Stable
20479
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;
D_5__Neptunomonas;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
37977 Unassigned Stable
37970
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
Stable
26734 Unassigned Stable
37073 Unassigned Stable
6416
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__P
seudahrensia Stable
23810
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
27123 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured
bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
27122
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Legionellaceae;D_5__L
egionella;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
25413 Unassigned Stable
31105 Unassigned Stable
3252 Unassigned Stable
30510
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
Stable
18171
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae
Stable
15039 Unassigned Stable
15035 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
11171 Unassigned Sporadic
39147 Unassigned Stable
4175
D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__Spirocha
eta;D_6__uncultured organism;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
4171 D_0__Bacteria;D_1__Acidobacteria;D_2__Holophagae;D_3__Subgroup 10;D_4__ABS-19;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
7314
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Mur
icauda Stable
11903
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5

__uncultured;D_6__uncultured alpha
 proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 15953 Unassigned Stable
 11010 Unassigned Stable
 10827
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 21269
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__
 Nitrosococcus;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 1828
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya
 Stable
 1821
 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Streptococcaceae;D_5__Streptococcus;D_6__
 uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 29399 Unassigned Stable
 25996 Unassigned Stable
 28114
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__DA111;D_5__uncultur
 ed bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
 22775
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__
 uncultured Stable
 31843 Unassigned Stable
 38492 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 4560 Unassigned Stable
 33149 Unassigned Stable
 18698 Unassigned Stable
 30720 Unassigned Stable
 38133
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
 __uncultured;D_6__uncultured alpha
 proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
 13783 Unassigned Stable
 11313 Unassigned Stable
 19121 Unassigned Stable
 15205 Unassigned Stable
 39269 Unassigned Stable
 19781
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Parvularculales;D_4__Parvularculaceae;D_5__
 __Parvularcula;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
 20005
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;
 D_5__Neptuniibacter;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 20000 Unassigned Stable
 8564 Unassigned Stable
 29400
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
 D_5__Marinobacter Stable
 12819 Unassigned Stable
 1278
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae

Stable
1273
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
8795 Unassigned Stable
9836
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Lachnospiraceae;D_5__uncultured;D_6__
uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
26400 Unassigned Stable
32386
D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Enterococcaceae;D_5__Vagococcus
Stable
2591 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29;D_4__uncultured delta
proteobacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Sporadic
2621
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__unc
ultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
9584 Unassigned Stable
9058 Unassigned Stable
24061 Unassigned Stable
24060 Unassigned Stable
30125 Unassigned Stable
37842
D_0__Bacteria;D_1__Chloroflexi;D_2__Caldilineae;D_3__Caldilineales;D_4__Caldilineaceae;D_5__uncultured;D_6__
uncultured Chloroflexi bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
37847 Unassigned Stable
25812 Unassigned Stable
23306
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
Stable
6679 Unassigned Stable
33338 Unassigned Stable
33332
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
36673 Unassigned Stable
7607 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
38301 Unassigned Stable
17939 Unassigned Stable
9174
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Oscillatoria
Stable
11507 Unassigned Stable
9216 Unassigned Stable
21561
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteracea
e;D_5__Altererythrobacter;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
21560 Unassigned Stable
24305 Unassigned Sporadic
32190 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales Stable
25495
D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Streptococcaceae;D_5__Streptococcus
Stable

3709

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Coxiella;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

2128 Unassigned Stable

15420 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

6830

D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Staphylococcaceae;D_5__Staphylococcus;D_6__uncultured organism;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

15746

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

15747 Unassigned Stable

15748

D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Sphingobacteriaceae;D_5__Nubsella Stable

15749 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast Stable

6702 Unassigned Sporadic

30312 Unassigned Stable

30311 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Aerococcaceae Stable

35284

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae Stable

5322 Unassigned Stable

17804

D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfovibrionales;D_4__Desulfovibrionaceae;D_5__Desulfovibrio Stable

29836 Unassigned Stable

12547

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhobiaceae;D_5__Rhodobiium;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

12543 Unassigned Stable

11173

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae Stable

19542 Unassigned Stable

19546 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

2321 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__KI89A clade;D_4__uncultured bacterium;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

13638

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae;D_5__Erythrobacter Stable

17029 Unassigned Stable

29317

D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Marinoscillum Stable

30868 Unassigned Stable

30863 Unassigned Stable

5029 Unassigned Stable

35096 Unassigned Stable

22260

D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

22265 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli Stable

963

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Thiotrichales;D_4__Thiotrichaceae;D_5__Thiothrix Stable
24882 Unassigned Stable
24887 D_0__Bacteria;D_1__Proteobacteria Stable

37790

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae Sporadic

14625 Unassigned Stable
14620 Unassigned Stable
14629 Unassigned Stable
30413 Unassigned Sporadic

30419

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured

bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
33854 Unassigned Stable

15281

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Nitratireductor Stable

15282

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas Stable

33957 Unassigned Stable
30384 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sva0485;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

4727 Unassigned Stable

4721 Unassigned Stable

19700 Unassigned Stable

13539 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

20734

D_0__Bacteria;D_1__Actinobacteria;D_2__Rubrobacteria;D_3__Rubrobacterales;D_4__Rubrobacteriaceae;D_5__Rubrobacter Stable

10461 D_0__Bacteria;D_1__Fusobacteria;D_2__Fusobacteriia;D_3__Fusobacteriales Stable

7214 Unassigned Stable

7216 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae Stable

6216 Unassigned Stable

6219

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__Psychrobacter;D_6__uncultured Psychrobacter

sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

201 D_0__Bacteria;D_1__Acidobacteria;D_2__Acidobacteria;D_3__Subgroup 3;D_4__PAUC26f;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

11118 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Gammaproteobacteria Incertae Sedis;D_4__Unknown Family;D_5__Sedimenticola Stable

11112 Unassigned Stable

2512 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

22814

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__Enhydrobacter;D_6__uncultured

bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

36822 Unassigned Stable

36820

D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Christensenellaceae;D_5__uncultured Stable

36826

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibri

o Stable

1230 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured organism;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

23071 Unassigned Stable

26605 Unassigned Sporadic

24087 Unassigned Stable

22033

D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfarculales;D_4__Desulfarculaceae;D_5__uncultured;D_6__uncultured sediment bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

22037 Unassigned Stable

4605 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured bacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

23925

D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__uncultured;D_6__uncultured cyanobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

23920 Unassigned Stable

18953 Unassigned Stable

15852 D_0__Bacteria;D_1__SHA-109;D_2__uncultured bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

15858

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod obium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

15859

D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5__Acidovorax;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

15583 Unassigned Stable

31552

D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Mur icauda Stable

31557 Unassigned Stable

37409

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__ Nitratireductor Stable

15325 D_0__Bacteria;D_1__Acidobacteria;D_2__Acidobacteria;D_3__Subgroup 3;D_4__PAUC26f;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

38814

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod obium Stable

14842 Unassigned Stable

13098 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade Stable

29726 Unassigned Stable

28097 D_0__Bacteria Stable

32269

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__CrystalBog021C3;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

32260 Unassigned Stable

2703

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

9002 Unassigned Stable

3004 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__0319-6G20
Stable

30378 Unassigned Stable

10672 Unassigned Stable

31023 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

37231 Unassigned Stable

30954
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Muricauda Stable

3911
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Photobacterium;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Sporadic

32706 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured
bacterium;D_4__;;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__
Stable

5012
D_0__Bacteria;D_1__Chloroflexi;D_2__Caldilineae;D_3__Caldilineales;D_4__Caldilineaceae;D_5__uncultured;D_6__
uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

33567
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
Cohaesibacter Stable

8077
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5__
Acidovorax Stable

38223
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Pseudoalteromonada
daceae;D_5__Pseudoalteromonas;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

16064 Unassigned Stable

11263
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
Defluviicoccus Stable

5843 Unassigned Stable

5848 Unassigned Stable

12249 Unassigned Stable

20822 Unassigned Stable

13117
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__uncultur
ed;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__
Stable

13114 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Sporadic

28448 Unassigned Stable

19563 Unassigned Stable

27041 Unassigned Stable

27049
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__uncultured;D_6__
uncultured cyanobacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__
Stable

26315
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
ae;D_5__Pseudomonas;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

25759 Unassigned Stable

24809 Unassigned Sporadic

3662 Unassigned Stable

21836 Unassigned Stable
 3593 Unassigned Stable
 39511 Unassigned Stable
 652
 D_0__Bacteria;D_1__Chloroflexi;D_2__Caldilineae;D_3__Caldilineales;D_4__Caldilineaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 34006 Unassigned Stable
 31183 D_0__Bacteria;D_1__Candidate division TM7 Stable
 7293 Unassigned Stable
 6291
 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales;D_4__Mycobacteriaceae;D_5__Mycobacterium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 5966 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine benthic group;D_5__uncultured gamma proteobacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 14346
 D_0__Bacteria;D_1__Fusobacteria;D_2__Fusobacteriia;D_3__Fusobacteriales;D_4__CFT112H7;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 12421 Unassigned Stable
 12428 Unassigned Stable
 19193 Unassigned Stable
 19195 Unassigned Stable
 19194
 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Actinomycetales;D_4__Actinomycetaceae;D_5__Actinomyces;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 5789
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured;D_6__uncultured alpha proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 11431 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 12163 Unassigned Stable
 12168
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas Stable
 21765
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Legionellaceae;D_5__Legionella;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 2829 Unassigned Stable
 1409
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 32356 Unassigned Stable
 32352 D_0__Bacteria Stable
 3418
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable
 4868
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Rhodospirillum;D_6__Rhodospirillum rubrum F11;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 2018 Unassigned Stable
 36504
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured

ultured;D_6__uncultured
 bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 38866
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Pelagibius;D_6__uncultured alpha
 proteobacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 17471
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__Psychrobacter;D_6__uncultured
 bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 10120 Unassigned Stable
 1645
 D_0__Bacteria;D_1__Tenericutes;D_2__Mollicutes;D_3__Mycoplasmatales;D_4__Mycoplasmataceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 1646 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__NKB5 Stable
 28018 D_0__Bacteria;D_1__Cyanobacteria;D_2__Melainabacteria;D_3__Caenarcaniphilales;D_4__uncultured bacterium;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 5434 Unassigned Stable
 10953 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 2780 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria Stable
 17730 Unassigned Stable
 17738
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured;D_6__uncultured alpha
 proteobacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 27988
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Methylocystaceae Stable
 9798 Unassigned Stable
 20402 Unassigned Sporadic
 37925 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured bacterium;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 28752 D_0__Bacteria;D_1__SHA-109;D_2__uncultured bacterium;D_3__;;D_4__;;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 35438 Unassigned Stable
 23846 Unassigned Stable
 23844
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured
 bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 18858 Unassigned Stable
 18850 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 557 Unassigned Stable
 38952
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae Stable
 30520
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable
 6508 Unassigned Stable
 31343 Unassigned Stable
 31345
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D_5__Peredibacter Stable
 39172 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 12711 Unassigned Stable

888 Unassigned Stable
 16170 Unassigned Stable
 5915 Unassigned Stable
 13449 Unassigned Stable
 7984
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Parvularculales;D_4__Parvularculaceae;D_5__Parvularcula;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 10622 D_0__Bacteria;D_1__Proteobacteria;D_2__TA18 Stable
 11972 Unassigned Stable
 13193
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 29570 Unassigned Sporadic
 15904
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium Stable
 15900 Unassigned Stable
 15908
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
 9988 Unassigned Stable
 9987
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriaceae Stable
 28229
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__Enhydrobacter;D_6__uncultured Enhydrobacter
 sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
 25131
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium;D_6__uncultured alpha
 proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 36955 Unassigned Stable
 34084 Unassigned Stable
 29635 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria Stable
 29638
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Ruegeria Stable
 32668 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 6167
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Shewanellaceae;D_5__Shewanella Stable
 22720 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__GR-WP33-30;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 8522
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;D_5__C1-B045;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 4519 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured
 bacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 10240 Unassigned Sporadic
 12931
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;D

_5__Desulfocapsa;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
12937

D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__uncultured;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
7044 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__MSB-
1E8;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
37708 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__EC3;D_4__uncultured gamma
proteobacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
37742

D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__llu
matobacter Stable
38149 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__KI89A cladeStable
11341 Unassigned Sporadic
11349 D_0__Bacteria;D_1__Deferribacteres;D_2__Deferribacteres;D_3__Deferribacterales;D_4__SAR406
clade(Marine group A);D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
19119 Unassigned Stable
5701

D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
Stable
16586

D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Arthrospira
Stable
12691 Unassigned Stable
17180 Unassigned Stable
33685 Unassigned Stable
20051

D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007;D_5__uncu
ltured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
20053

D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
35115

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae
Stable
22527

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;
D_5__Marinomonas Stable
22523 Unassigned Stable
22521 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29;D_4__uncultured
delta
proteobacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
3492 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29;D_4__uncultured
bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
15631 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured
bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
15633 Unassigned Stable
24033

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
4080

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;
D_5__Marinomonas Stable

4082 Unassigned Stable
6393
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__uncultured;D_6__uncultured cyanobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
5120 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
33368 Unassigned Sporadic
15576 Unassigned Stable
6950 Unassigned Stable
16794 Unassigned Stable
10799 Unassigned Stable
12333 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29 Stable
10245 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured soil
bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
24337
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Coxiella Stable
24480 Unassigned Sporadic
35709 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured
bacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
32162 Unassigned Stable
32161 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales Stable
26225 Unassigned Stable
4946 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
4942 Unassigned Stable
4949 Unassigned Stable
4948
D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micrococcales;D_4__Micrococcaceae;D_5__Rothia
Sporadic
14020 Unassigned Stable
14026 Unassigned Stable
3284
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfovibrionales;D_4__Desulfovibrionaceae
;D_5__Desulfovibrio;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
3281 Unassigned Stable
36423
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__uncul-
tured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
33619
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae
Stable
34866 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
15774 D_0__Bacteria;D_1__Acidobacteria;D_2__Acidobacteria;D_3__Subgroup 11 Stable
31619
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;
D_5__Marinobacterium;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
34137 Unassigned Stable
34130 Unassigned Stable
4197 Unassigned Stable
9147 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
10002 Unassigned Stable
38733 Unassigned Stable

17857
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable

8197 Unassigned Stable

12514 Unassigned Stable

1897 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

11724 Unassigned Stable

9690 Unassigned Stable

20569 Unassigned Stable

30858 Unassigned Stable

28493 Unassigned Stable

10421 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__0319-6G20;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

24690
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__SM2D12;D_5__uncultured soil bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

38914
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae Stable

33062
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

33136 Unassigned Stable

33131 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__EC3;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

701
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__Filomicrobium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

14612
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__Filomicrobium Stable

38670 Unassigned Stable

31792 Unassigned Stable

31796 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable

15250 Unassigned Stable

31429 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

19737
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

14704 Unassigned Stable

17678
D_0__Bacteria;D_1__Chloroflexi;D_2__Anaerolineae;D_3__Anaerolineales;D_4__Anaerolineaceae;D_5__uncultured ;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

17674
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Hoeflea;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

17671 Unassigned Stable

7242 D_0__Bacteria Stable

22837 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable

9863 Unassigned Stable

28305 Unassigned Stable

11149
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__uncultured;D_6__uncultured organism;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__
Stable

9088
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

9085
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Coxiella
Stable

3179
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
Stable

3174
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium
Stable

25841 Unassigned Stable

29177 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

24712
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas
Stable

24714 Unassigned Stable

4650 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae
Stable

4652 D_0__Bacteria;D_1__Firmicutes Stable

6052
D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Streptococcaceae;D_5__Streptococcus
Stable

18928
D_0__Bacteria;D_1__Chloroflexi;D_2__Caldilineae;D_3__Caldilineales;D_4__Caldilineaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

14400 Unassigned Sporadic

5997
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Sporadic

19381 Unassigned Stable

25664
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

247
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Pseudoalteromonadaceae;D_5__Pseudoalteromonas
Stable

246
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__Xanthomonadaceae
Stable

242
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

2888 D_0__Bacteria;D_1__Proteobacteria Stable

14877
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Ruegeria
Stable

13068 D_0__Bacteria;D_1__Proteobacteria Stable

2192 Unassigned Stable

4815 Unassigned Stable

2739

D_0__Bacteria;D_1__Actinobacteria;D_2__Rubrobacteria;D_3__Rubrobacterales;D_4__Rubrobacteriaceae;D_5__Rubrobacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
24175

D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Oxalobacteraceae;D_5__Massilia;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
37851 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__0319-6G20 Stable
14135

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
16021 Unassigned Stable
3038

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
5049 Unassigned Stable
38575 Unassigned Stable
18886

D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Oscillatoria Sporadic
36109

D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Syntrophobacterales;D_4__Syntrophaceae;D_5__Desulfomonile;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
36106 Unassigned Stable
28888

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable
13647

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Defluviicoccus;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
13644 Unassigned Stable
17346 Unassigned Stable
17344

D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Sandaracinaceae Sporadic
17341 Unassigned Stable
16693 Unassigned Stable
16690 Unassigned Stable
10691 Unassigned Stable
16962

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Coxiella;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
10521

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__Psychrobacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
10520 Unassigned Stable
21473 D_0__Bacteria Stable
21474 Unassigned Stable
17082 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast Stable
24564 Unassigned Stable
23720

D_0__Bacteria;D_1__Planctomycetes;D_2__Planctomycetacia;D_3__Planctomycetales;D_4__Planctomycetaceae;D_5__uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
10 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
13 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
16 Unassigned Stable
27035 Unassigned Stable
33391 Unassigned Stable
26072 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
26079 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__JG34-KF-361;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
25180 Unassigned Stable
27858 Unassigned Stable
27856
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae;D_5__Erythrobacter Stable
781
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium;D_6__uncultured alpha
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
18576 Unassigned Stable
18578
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriaceae;D_5__Escherichia-Shigella;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
1377 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine benthic group;D_5__uncultured gamma
proteobacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
4797
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Thalassospira Stable
6902
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
10323 D_0__Bacteria;D_1__Gemmatimonadetes;D_2__Gemmatimonadetes;D_3__BD2-11 terrestrial group;D_4__uncultured
bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
20338 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
14318 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
17953 Unassigned Stable
12411
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;D_5__Haliea;D_6__uncultured gamma
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
12414 Unassigned Sporadic
2543
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
11441
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Nitrospinaceae;D_5__Candidatus Entotheonella;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
17133 Unassigned Stable
902
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured

bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
908
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Sandaracinaceae;D_5__
uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
9554
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Pseudoalteromona
daceae;D_5__Pseudoalteromonas;D_6__Pseudoalteromonas sp.
7026;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
28286
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
29247 Unassigned Sporadic
34278
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Haliangiaceae;D_5__Hali
angium;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
26655
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Cloa
cibacterium;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
24241 D_0__Bacteria;D_1__BD1-5;D_2__uncultured
bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
1478 Unassigned Stable
22370 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
28627
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Granulosicoccaceae;D
_5__Granulosicoccus;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
28626
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
Stable
20 Unassigned Stable
28 Unassigned Stable
24795 Unassigned Stable
31999 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast Stable
25687 Unassigned Stable
25531
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
ae;D_5__Pseudomonas Stable
25539 Unassigned Stable
14484 Unassigned Sporadic
15359
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__
uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
19479 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
19473
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Lachnospiraceae;D_5__Lachnoanaerobac
ulum;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
19470
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__
Enhydrobacter;D_6__uncultured Enhydrobacter
sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
19471 Unassigned Stable

17441
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae
Stable

38845 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
20155

D_0__Bacteria;D_1__Bacteroidetes;D_2__Bacteroidia;D_3__Bacteroidales;D_4__Porphyromonadaceae;D_5__Palud
ibacter;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
20157

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
uncultured;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
11849 Unassigned Stable
29990

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriaceae
Stable

29991 D_0__Bacteria;D_1__Proteobacteria Stable
28027

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
obium;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__
Stable

10924

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;
D_5__Marinobacterium;D_6__bacterium endosymbiont of Osedax
mucofloris;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
16450 Unassigned Stable
22943 Unassigned Stable
447

D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Chitinophagaceae;D_5__
uncultured;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Sporadic
446 Unassigned Stable
24455

D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__Spirocha
eta;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__
Stable
22128

D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__unc
ultured;D_6__uncultured Bacteroidetes
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
3963 Unassigned Stable
35400 Unassigned Stable
35402 Unassigned Stable
32750 Unassigned Stable
32758 Unassigned Stable
37489 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Cryomorphaceae
Stable
25475

D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__uncultured;D_6__
uncultured cyanobacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__
Stable
36182

D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Rubritaleaceae;D_5__
Rubritalea;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
7134 Unassigned Stable
586 Unassigned Stable

25955
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
Sporadic
3823
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae
Stable
38255 Unassigned Stable
38253
D_0__Bacteria;D_1__Chloroflexi;D_2__Anaerolineae;D_3__Anaerolineales;D_4__Anaerolineaceae;D_5__uncultured
;D_6__uncultured organism;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
11230 Unassigned Stable
39124 Unassigned Stable
39123
D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Aerococcaceae;D_5__uncultured Sporadic
39121 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
16618
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
Stable
21165
D_0__Bacteria;D_1__Chloroflexi;D_2__Caldilineae;D_3__Caldilineales;D_4__Caldilineaceae;D_5__uncultured;D_6__
uncultured Chloroflexi bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
7535 Unassigned Stable
13144
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Syntrophobacterales;D_4__Syntrophaceae;D
_5__Desulfomonile Sporadic
20347 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
29543 Unassigned Stable
22455 Unassigned Stable
28076 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
25106 Unassigned Stable
9644
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__uncultured;D_6__
uncultured cyanobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Sporadic
37036 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__OM1
clade;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
30267
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__
Cucumibacter;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
33797
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured
actinobacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
31133
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
46
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfarculales;D_4__Desulfarculaceae;D_5__
uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
40 Unassigned Stable
35309 Unassigned Stable
35302 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007

Stable

23441
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

8233 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales Stable

38434 Unassigned Stable

36023 Unassigned Stable

19977 Unassigned Stable

7076 Unassigned Stable

28965 Unassigned Stable

11378 Unassigned Stable

19147 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__SS1-B-
06-26 Stable

16807 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Order Incertae
Sedis;D_4__Family Incertae Sedis;D_5__Marinicella Stable

9291
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;D
_5__Desulfobulbus;D_6__uncultured gamma
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

26968
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

28513 Unassigned Stable

28516 Unassigned Stable

20061
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Rhodocyclales;D_4__Rhodocyclaceae;D_5__D
echloromonas Stable

20062
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
ae;D_5__Pseudomonas Stable

27774
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Ectothiorhodospiracea
e;D_5__Acidiferrobacter;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

27772 Unassigned Stable

35142 Unassigned Stable

35967 D_0__Bacteria;D_1__Candidate division TM7 Stable

32931
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__unc
ultured;D_6__uncultured gamma
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

24955
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Phot
obacterium;D_6__uncultured gamma
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

16503
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

4833 Unassigned Stable

34406
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
D_5__OM60(NOR5) clade Stable

15606
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine
benthic group Stable

18382 D_0__Bacteria;D_1__Candidate division TM7 Stable
39376 D_0__Bacteria;D_1__Proteobacteria;D_2__TA18;D_3__uncultured
bacterium;D_4__D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__
Stable
19883 Unassigned Stable
6698 Unassigned Stable
6346
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteracea
e;D_5__Erythrobacter;D_6__uncultured Novosphingobium
sp.;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
33697
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__unc
ultured;D_6__uncultured
bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
14212 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured
cyanobacterium;D_4__D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_1
6__ Stable
36616 Unassigned Stable
36610
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Ruminococcaceae;D_5__Anaerotruncus
Stable
29911
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
obium;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__
Stable
8289 Unassigned Stable
7551 Unassigned Stable
7557 Unassigned Stable
11359
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Ruminococcaceae;D_5__uncultured;D_6
__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
13881 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
13880 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Bacillaceae;D_5__Geobacillus
Stable
33951 Unassigned Stable
5927 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255
marine benthic group;D_5__uncultured
bacterium;D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
11655 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__MSB-1E8
Stable
24365
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__
Nitrosococcus Stable
34421
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Oscillatoria
Stable
32864 Unassigned Stable
35483 Unassigned Stable
23837 Unassigned Stable
32282 Unassigned Stable
26272
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
D_5__OM60(NOR5) clade;D_6__uncultured gamma
proteobacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
2147 Unassigned Stable
2143
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod

obium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 2148 Unassigned Stable
 3272 Unassigned Stable
 38704 Unassigned Stable
 30572 Unassigned Stable
 30575
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae
 Stable
 34855
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;D
 _5__uncultured;D_6__uncultured delta
 proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 69
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriace
 e;D_5__Enterobacter Stable
 506 Unassigned Stable
 503 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable
 4153 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Gammaproteobacteria Incertae
 Sedis;D_4__Unknown Family;D_5__Arenicella Stable
 4150
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
 _5__Labrenzia Stable
 6719 Unassigned Stable
 17561 Unassigned Stable
 20610
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Mur
 icauda;D_6__uncultured Muricauda
 sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 10039
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bdellovibrionaceae;D
 _5__Bdellovibrio;D_6__uncultured
 organism;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 10034
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 10037
 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007;D_5__uncu
 ltured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 10030 Unassigned Stable
 29891 D_0__Bacteria;D_1__Proteobacteria Stable
 9868 Unassigned Stable
 10808 Unassigned Stable
 10805
 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Alicyclobacillaceae;D_5__Tumebacillus;D_6__u
 ncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 16313 Unassigned Stable
 16315
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
 obium;D_6__uncultured alpha
 proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 2386 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Streptococcaceae Sporadic
 17049
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 36924 Unassigned Stable
 36920 D_0__Bacteria;D_1__Acidobacteria;D_2__Subgroup 22 Stable

20559 Unassigned Stable
 612 Unassigned Stable
 610 D_0__Bacteria;D_1__TM6 Stable
 26899
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 1498 Unassigned Stable
 24663 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Clostridiaceae
 3;D_5__Brassicibacter;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 24662 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Bacillaceae;D_5__Bacillus Stable
 28135 Unassigned Stable
 4542 Unassigned Stable
 4547
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
 _5__uncultured Stable
 33165
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
 obium Stable
 5750 D_0__Bacteria Stable
 5757 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured
 bacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 15227 Unassigned Stable
 23664 Unassigned Stable
 39249 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__OM1
 clade;D_5__uncultured
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 39248
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
 Stable
 28399
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__unc
 ultured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 23669 Unassigned Stable
 12649 Unassigned Stable
 21049 Unassigned Stable
 18560 Unassigned Stable
 17684
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5
 __uncultured Stable
 17688 Unassigned Stable
 13596 Unassigned Stable
 13599
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Schleiferiaceae;D_5__Schleif
 eria;D_6__uncultured Bacteroidetes
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 6507 Unassigned Stable
 20796
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobacteraceae;
 D_5__Desulfosarcina Stable
 20792 Unassigned Stable
 14900
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__u
 ncultured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

28334
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

2644 Unassigned Stable

33587 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast Stable

9074 Unassigned Sporadic

9072 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae Stable

9078 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable

24047
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

24044
D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Enterococcaceae;D_5__Vagococcus Stable

20966 Unassigned Stable

31278 Unassigned Stable

37822 Unassigned Stable

37825 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Sporadic

21153 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__SM2D12 Stable

23090
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas;D_6__Pseudomonas aeruginosa;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

29142 Unassigned Stable

25870 Unassigned Stable

25877
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Hahellaceae;D_5__Endozoicomonas Stable

23329
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

5089
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Parvularculales;D_4__Parvularculaceae;D_5__Parvularcula Stable

6615 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

138
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D_5__Peredibacter;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

81
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Verrucomicrobiaceae;D_5__Haloferula Sporadic

15526 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Sva0071;D_4__uncultured bacterium;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

8204 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured bacterium;D_4__;;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

8202 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__Codium fragile;D_4__;;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

7624 Unassigned Stable

35604 Unassigned Sporadic

14430
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae

Stable
35600 Unassigned Sporadic
33513
D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__uncultured Stable
21581 Unassigned Stable
17495 Unassigned Stable
13031 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Order III;D_4__Unknown Family;D_5__Balneola Stable
20230 Unassigned Stable
29781 Unassigned Stable
27637 Unassigned Sporadic
27185 Unassigned Stable
27184
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriaceae Stable
22692 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__NS7 marine group;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
26580
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Sphingomonadaceae;D_5__uncultured Stable
26582
D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__Spirochaeta Stable
26588 Unassigned Stable
21915 Unassigned Stable
8009
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__uncultured Stable
15722 Unassigned Stable
6948
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5__Acidovorax Stable
35896
D_0__Bacteria;D_1__Proteobacteria;D_2__Epsilonproteobacteria;D_3__Campylobacteriales;D_4__Helicobacteraceae;D_5__Sulfurimonas;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
35231 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
6796 Unassigned Stable
38502 Unassigned Stable
90 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Lachnospiraceae Stable
18700 Unassigned Stable
18707
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacteriales;D_4__Hyphomonadaceae Stable
33508
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured Stable
17823
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacteriales;D_4__Desulfobulbaceae;D_5__Desulfocapsa;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
13608
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

13618
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas Stable

13616
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae Stable

13617
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Rhodocyclales;D_4__Rhodocyclaceae;D_5__Zooecia;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

11280
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__E6aD10 Stable

11282
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Peptostreptococcaceae;D_5__Incertae Sedis;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

11285
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Aquamicrobium;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

19569
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

20887
D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae Stable

21288
Unassigned Stable

16930
D_0__Bacteria;D_1__SHA-109;D_2__uncultured bacterium;D_3__;;D_4__;;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

10577
Unassigned Stable

8845
Unassigned Stable

26819
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

26817
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

26810
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__uncultured Stable

37299
Unassigned Stable

25739
Unassigned Stable

27393
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibrio Stable

32071
Unassigned Sporadic

32077
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Defluviicoccus Stable

36792
Unassigned Stable

14642
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

14640
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__Filomicrobium;D_6__uncultured organism;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

18093
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine benthic group Stable

38193 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured
bacterium;D_4__D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__
Stable

31746 D_0__Bacteria;D_1__SHA-109;D_2__uncultured
bacterium;D_3__D_4__D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__
Stable

31740 Unassigned Stable

13149
D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales;D_4__Mycobacteriaceae;D_5__
Mycobacterium;D_6__Mycobacterium sp.
'Bavariae';D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

4297 Unassigned Stable

4740 D_0__Bacteria;D_1__Candidate division WS3;D_2__uncultured
bacterium;D_3__D_4__D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__
Stable

17601
D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__Trepone
ma Stable

13518 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

13511 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales Stable

6452
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
obium;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__
Stable

20719 D_0__Bacteria;D_1__Candidate division OD1;D_2__uncultured
bacterium;D_3__D_4__D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__
Stable

20718 Unassigned Sporadic

7236 Unassigned Stable

7234 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhizobiales Incertae
Sedis;D_5__Bauldia;D_6__uncultured
bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

10563
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Mur
icauda Stable

17983 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__OM1
clade;D_5__uncultured
actinobacterium;D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Sporadic

8735
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__unc
ultured;D_6__uncultured
bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

2538
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__Acaryochloris;D_6__
uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

2535 Unassigned Stable

17160 Unassigned Stable

22834 Unassigned Stable

17169 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

28624 Unassigned Stable

2881 Unassigned Stable

24296 Unassigned Stable

24295 Unassigned Stable

24748 Unassigned Stable

31942
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfovibrionales;D_4__Desulfovibrionaceae
Stable

32910
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Christensenellaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
23908 Unassigned Stable
36348 Unassigned Stable
33971 Unassigned Stable
18355 Unassigned Stable
5654 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
15306
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;D_5__Glaciecola;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
15301 D_0__Bacteria;D_1__Acidobacteria;D_2__Acidobacteria;D_3__Subgroup 4;D_4__Unknown Family;D_5__Blastocatella;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
15303 Unassigned Stable
37713 Unassigned Stable
19485 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
19482 Unassigned Stable
19481 Unassigned Sporadic
19488 Unassigned Stable
12078 Unassigned Stable
5999
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__uncultured;D_6__uncultured organism;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
21674 Unassigned Stable
17418
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Actibacterium Stable
13304 Unassigned Sporadic
14827
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Muricauda Sporadic
11817 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
11810 Unassigned Stable
11811 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__OM1 clade Stable
1115
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Cohaesibacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
25347 Unassigned Stable
25346 Unassigned Stable
16402 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Clostridiaceae 1;D_5__Clostridium sensu stricto 1 Stable
9730
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Colwelliaceae;D_5__Thalassomonas;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
9739 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
21330 Unassigned Stable
22976 Unassigned Stable
16713
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5

__uncultured Stable
 27471 Unassigned Stable
 34495 Unassigned Stable
 30933 D_0__Bacteria;D_1__Acidobacteria;D_2__Subgroup 26;D_3__uncultured
 bacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 32897 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria Stable
 32898
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Oxalobacteraceae;D_5__
 Undibacterium;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 5034 Unassigned Stable
 18831 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__mitochondria
 Stable
 30580
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
 _5__uncultured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 5413 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 24644
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__L
 ewinella Sporadic
 18786
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
 _5__uncultured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 30059 Unassigned Stable
 30051 Unassigned Stable
 30055 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales Stable
 13924 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade Stable
 38948 Unassigned Stable
 38207 Unassigned Stable
 19693
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibri
 o Stable
 13179
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 13175
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
 Stable
 20378 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast Stable
 20371 Unassigned Stable
 1099 Unassigned Stable
 1322 Unassigned Stable
 1325 Unassigned Stable
 23774 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__KI89A clade;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 27063
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae
 Stable
 35030
 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Alicyclobacillaceae;D_5__Tumebacillus;D_6__u
 ncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 35031 Unassigned Stable
 35032
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;

D_5__Marinomonas Stable
32569 Unassigned Stable
32563 Unassigned Stable
32561 Unassigned Stable
32560 D_0__Bacteria;D_1__Proteobacteria Stable
26339 Unassigned Stable
7691 Unassigned Stable
36714
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Coxiella;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
1142
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
9673 Unassigned Stable
33744 Unassigned Stable
3380 Unassigned Stable
3388 D_0__Bacteria;D_1__Proteobacteria;D_2__TA18;D_3__uncultured bacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
34021 Unassigned Stable
34023 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured bacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
35375
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Roseobacter clade CHAB-I-5 lineage;D_6__uncultured Rhodobacteraceae bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
23434 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
6108 D_0__Bacteria;D_1__Deinococcus-Thermus;D_2__Deinococci;D_3__Deinococcales;D_4__Trueperaceae;D_5__Truepera;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
8533
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable
38469 Unassigned Stable
8536
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Nannocystaceae;D_5__Nannocystis;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
36052 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Sporadic
12993 Unassigned Stable
37322 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__E6aD10;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
28954 Unassigned Stable
16294
D_0__Bacteria;D_1__Chloroflexi;D_2__Caldilineae;D_3__Caldilineales;D_4__Caldilineaceae;D_5__uncultured Stable
16871 Unassigned Stable
22938 Unassigned Stable
21741 Unassigned Sporadic
35170
D_0__Bacteria;D_1__Planctomycetes;D_2__Phycisphaerae;D_3__Phycisphaerales;D_4__Phycisphaeraceae;D_5__Phycisphaera;D_6__uncultured Planctomycetales bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
22320 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__NS11-12

marine group;D_5__uncultured
bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
22322
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured Stable
25671
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__uncultured;D_5__uncultured bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Sporadic
23981
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Candidatus Amoebophilus;D_6__uncultured Bacteroidetes
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
38139
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
26161
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
2073 Unassigned Stable
33469 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
36525
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Aquamicrobium Stable
33266
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine benthic group Stable
27435
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007;D_5__uncultured bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
39329
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya Stable
4022
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae;D_5__Hellea;D_6__uncultured alpha
proteobacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
4020
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Rubritaleaceae;D_5__Rubritalea;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
293
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Sporadic
291 Unassigned Stable
1199 D_0__Bacteria;D_1__Proteobacteria Stable
7206 Unassigned Stable
9313
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__Acinetobacter;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
10972 Unassigned Sporadic
10976
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Ruegeria Stable
2271 Unassigned Stable

37371
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas Stable

37372 Unassigned Stable

37376 Unassigned Stable

20460
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae Stable

37943 Unassigned Stable

37949
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium;D_6__uncultured alpha proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

24397 Unassigned Stable

32817 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__FW113 Stable

5276 Unassigned Stable

35453
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Legionellaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

35451 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

23861 Unassigned Stable

33057
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibrio Stable

37994
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae Stable

33783 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__OM182 clade Stable

38281 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__DB1-14;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

539 Unassigned Stable

31362 Unassigned Stable

31364 Unassigned Stable

31366 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__P. palm C-A 51;D_5__bacterium enrichment culture clone K6Ring5Rock-111063;7;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

16641 D_0__Bacteria;D_1__Acidobacteria;D_2__Acidobacteria;D_3__Subgroup 9;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

19615
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Defluviicoccus;D_6__uncultured alpha proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

12730
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Muricauda Stable

13461
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

7301 Unassigned Stable

7306
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Legionellaceae;D_5__Legionella;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

6898 Unassigned Stable

16361 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured cyanobacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__

6__ Stable
21272 Unassigned Stable
21271 Unassigned Stable
21277 Unassigned Stable
21276 Unassigned Stable
2401
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Aquamicrobium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
36974 Unassigned Stable
29384 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
624
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
24583 Unassigned Stable
32606 Unassigned Stable
22299 Unassigned Stable
38979
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa Stable
25219
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae Sporadic
37723 Unassigned Stable
14541 D_0__Bacteria;D_1__BD1-5;D_2__uncultured organism;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
6__ Stable
14546 Unassigned Stable
11320 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
11495
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
16561 Unassigned Stable
12678 Unassigned Stable
7807 Unassigned Stable
19868
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
19865 Unassigned Stable
1935 Unassigned Stable
37260 D_0__Bacteria;D_1__TM6;D_2__uncultured bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
14956
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Peptostreptococcaceae;D_5__Incertae Sedis Stable
14950 Unassigned Stable
14958 Unassigned Stable
930 Unassigned Stable
1205
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured Rhodovulum sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
1207 Unassigned Stable

5557
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__SM2D12;D_5__uncultured soil bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
9518 Unassigned Sporadic
22505 Unassigned Stable
26472
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Cytophagaceae;D_5__Spirosoma
Stable
26473 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
24901 Unassigned Stable
24010 Unassigned Stable
22884
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine benthic group;D_5__uncultured bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
3110
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__Ilumatobacter Stable
25823
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__uncultured
Stable
20948 Unassigned Stable
8254 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
15510 Unassigned Stable
15513
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Defluviicoccus Stable
15512
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__uncultured;D_5__uncultured bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
7612
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
Stable
37111
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium;D_6__uncultured alpha proteobacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Sporadic
37112 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured bacterium;D_3__;;D_4__;;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
11518 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria Stable
21551 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria Stable
21554 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
37266 Unassigned Stable
13004 Unassigned Stable
23571 Unassigned Stable
27660
D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
35726 Unassigned Stable
35729 Unassigned Stable
32181 Unassigned Stable
36402 D_0__Bacteria;D_1__Acidobacteria;D_2__Holophagae;D_3__Subgroup 10 Stable
4304 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
35679 D_0__Bacteria;D_1__BD1-5;D_2__uncultured bacterium;D_3__;;D_4__;;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__

16__ Stable
18251 D_0__Bacteria;D_1__Cyanobacteria;D_2__Chloroplast;D_3__uncultured
bacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
18252 Unassigned Stable
18256 Unassigned Stable
39408
D_0__Bacteria;D_1__Chloroflexi;D_2__Caldilineae;D_3__Caldilineales;D_4__Caldilineaceae;D_5__uncultured;D_6__
uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
34119 Unassigned Stable
3092 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255
marine benthic group Stable
3090 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__OM1
clade;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
3095
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__
Labrenzia Stable
31096 Unassigned Stable
10062 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
10069 Unassigned Stable
17877 Unassigned Stable
2338 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29 Stable
20509 Unassigned Stable
10544
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
ae;D_5__Pseudomonas;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
29308
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
Stable
29303
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
Defluviicoccus;D_6__uncultured alpha
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
24509 Unassigned Stable
35083 Unassigned Stable
32680 Unassigned Stable
16335 Unassigned Stable
27366
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
32029
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Candida
tus Amoebophilus;D_6__uncultured Bacteroidetes
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
14636 Unassigned Stable
30464 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
38654 Unassigned Stable
18045
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__Rickettsiaceae;D_5__unc
ultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
30799 Unassigned Stable
727
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
obium;D_6__uncultured organism;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__

Stable

36263 Unassigned Stable

15274 Unassigned Stable

15279

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Photobacterium;D_6__Photobacterium sp.

139bio;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

39211 Unassigned Stable

39212 Unassigned Stable

39215

D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa

Stable

19716 Unassigned Stable

19715 Unassigned Stable

6897 Unassigned Stable

17655

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Aquamicrobium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

13547 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

20743 Unassigned Stable

24568 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

28415 Unassigned Stable

6205

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__Nitrosococcus;D_6__unidentified bacterium

wb1_P19;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

1281 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured Sporadic

8769

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae

Stable

8496

D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__

Stable

31541 Unassigned Stable

28980 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Sporadic

25055 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29;D_4__uncultured delta

proteobacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__

Stable

16248

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium;D_6__uncultured alpha

proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

22802

D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Lachnospiraceae;D_5__Incertae Sedis;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__

Stable

22806 Unassigned Stable

27547 Unassigned Stable

27543 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

23049 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__OM1

clade;D_5__uncultured

actinobacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

23044

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;

D_5__Alteromonas Sporadic
29118
D_0__Bacteria;D_1__Fusobacteria;D_2__Fusobacteriia;D_3__Fusobacteriales;D_4__Hados.Sed.Eubac.3;D_5__uncultured bacterium;D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
34524 Unassigned Stable
22395 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
28649 D_0__Bacteria Stable
22029
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibrio Sporadic
10427 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Family XI;D_5__Finegoldia Stable
31975 Unassigned Stable
4638
D_0__Bacteria;D_1__Chloroflexi;D_2__Caldilineae;D_3__Caldilineales;D_4__Caldilineaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Sporadic
168
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Halanaerobiales;D_4__Halanaerobiaceae;D_5__Halocella;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
25551
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Labrenzia Stable
167 Unassigned Stable
18949 Unassigned Stable
37195 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
37190 Unassigned Stable
14461 D_0__Bacteria;D_1__Proteobacteria Stable
15590 Unassigned Stable
38376
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__Rickettsiaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
39028 Unassigned Sporadic
226 Unassigned Stable
21622
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Nitratireductor Stable
21623 D_0__Bacteria;D_1__Proteobacteria Stable
6407 D_0__Bacteria;D_1__Actinobacteria Stable
10770 Unassigned Stable
10771 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae Stable
5182 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
28485
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Brucellaceae;D_5__Ochrobactrum Stable
20286
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Photobacterium Stable
10199 Unassigned Stable
12842 Unassigned Stable
22620 Unassigned Stable
26533
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5__Aquabacterium;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

26534
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__Nitrosococcus Stable

26538 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

26288 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29 Stable

2712
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__Filomicrobium;D_6__uncultured organism;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

4257 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Gammaproteobacteria Incertae Sedis;D_4__Unknown Family Stable

34190 Unassigned Stable

23233 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae Stable

30944 Unassigned Stable

32730
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured alpha proteobacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

5063
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Cohaesibacter;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

5069 D_0__Bacteria;D_1__Proteobacteria Stable

5394 Unassigned Stable

5398 Unassigned Stable

36121 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__WCHB1-69;D_5__uncultured bacterium;D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

8603 Unassigned Stable

11259 Unassigned Stable

19005 Unassigned Stable

31542 Unassigned Stable

12786
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium;D_6__uncultured alpha proteobacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

7976
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

7971
D_0__Bacteria;D_1__Planctomycetes;D_2__Phycisphaerae;D_3__Phycisphaerales;D_4__Phycisphaeraceae;D_5__SM1A02;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

16949 Unassigned Stable

12259 Unassigned Stable

21186 Unassigned Stable

20857 Unassigned Stable

8890 Unassigned Stable

20583
D_0__Bacteria;D_1__Actinobacteria;D_2__Coriobacteriia;D_3__Coriobacteriales;D_4__Coriobacteriaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

20322
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae Stable

28294 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__E01-9C-26 marine group;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
8308 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Thiotrichales;D_4__EV818SWSAP88 Stable
25741 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;D_5__Desulfocapsa;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
3672 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__EC3;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
3671 Unassigned Stable
26092 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales Stable
28068 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas;D_6__Pseudomonas sp. A106;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
3582 Unassigned Stable
27878 D_0__Bacteria;D_1__Chlorobi;D_2__Ignavibacteria;D_3__Ignavibacteriales;D_4__IheB3-7;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
18516 Unassigned Stable
33733 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Tistlia Stable
31192 Unassigned Stable
36360 Unassigned Stable
6283 Unassigned Sporadic
9405 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
38452 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
38459 Unassigned Stable
14599 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Aeromonadales;D_4__Aeromonadaceae;D_5__Aeromonas Stable
15427 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Cohaesibacter Stable
7728 Unassigned Stable
3842 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
11426 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable
20468 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Aliihoeflea;D_6__uncultured Aliihoeflea sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
10460 Unassigned Stable
8913 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium;D_6__uncultured organism;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
34256 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae

Stable
22316
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
obium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable

27249
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
Stable

32342 Unassigned Stable
32346 Unassigned Stable
32344 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales Stable
26110 Unassigned Stable
26114 Unassigned Stable
33223 Unassigned Stable
26119 Unassigned Stable
6265 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
37448 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
18497 Unassigned Stable
18493 Unassigned Stable
15457
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
38042
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae
Stable
4079
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
ae;D_5__Pseudomonas;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
4078 Unassigned Sporadic
19451 Unassigned Stable
19982
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
19985 Unassigned Stable
38862 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured
alpha
proteobacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
20172 Unassigned Stable
20171 Unassigned Stable
6320 Unassigned Stable
10112 Unassigned Stable
1651 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
1656 Unassigned Stable
1657 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255
marine benthic group Stable
28730 Unassigned Stable
23286 Unassigned Stable
25318 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
327 Unassigned Stable
37236
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
Cohaesibacter;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
9470 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured Stable

9471 Unassigned Stable
9477
D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Chitinophagaceae;D_5__uncultured Stable
2246 D_0__Bacteria;D_1__Proteobacteria Stable
2798
D_0__Bacteria;D_1__Fusobacteria;D_2__Fusobacteriia;D_3__Fusobacteriales;D_4__boneC3G7;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
17700 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria Stable
17709
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__Acinetobacter Stable
34775 Unassigned Stable
28761 Unassigned Stable
22106
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfovibrionales;D_4__Desulfovibrionaceae;D_5__Desulfovibrio Stable
35791 Unassigned Stable
27161 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
25456 Unassigned Stable
36227 Unassigned Stable
18865 Unassigned Stable
569 Unassigned Sporadic
18283 Unassigned Stable
13955 Unassigned Stable
13952
D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Planococcaceae;D_5__Lysinibacillus;D_6__Lysinibacillus fusiformis;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
18139
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__uncultured;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
30084 Unassigned Stable
30083 Unassigned Stable
31351 Unassigned Stable
39109 Unassigned Stable
16671 D_0__Bacteria;D_1__Proteobacteria;D_2__TA18 Stable
12704 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria Stable
11942
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Verrucomicrobiaceae;D_5__Roseibacillus;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
10090
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa Stable
10096 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
1373 Unassigned Stable
28215 Unassigned Stable
32539 D_0__Bacteria;D_1__Chlorobi;D_2__Chlorobia;D_3__Chlorobiales;D_4__Chlorobiaceae Stable
25120 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Sporadic
2453 Unassigned Stable
36944 Unassigned Stable
36941
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae Stable
9625 Unassigned Stable
3350
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Haliangiaceae;D_5__Hali

angium;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
30245 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
31112 Unassigned Stable
23467 Unassigned Stable
34637 Unassigned Stable
35329
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
__Defluviococcus;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
32671 Unassigned Stable
22738 Unassigned Stable
4528 D_0__Bacteria;D_1__Chloroflexi;D_2__Caldilineae;D_3__Caldilineales;D_4__Caldilineaceae;D_5__uncultured
Stable
4527 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Gammaproteobacteria Incertae
Sedis;D_4__Unknown Family;D_5__Arenicella;D_6__uncultured gamma
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
33188 Unassigned Stable
36002
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Thiotrichales;D_4__EV818SWSAP88
Stable
36005
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__DUNssu044;D_5__uncultur
ed bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
12921 Unassigned Stable
30760 Unassigned Stable
19297
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
Aquamicrobium;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
19833
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfovibrionales;D_4__Desulfovibrionaceae
;D_5__Desulfovibrio Stable
12111 Unassigned Stable
12116 Unassigned Stable
17196
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Cox
iella;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
8993 Unassigned Stable
6513 Unassigned Stable
26940
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
1948 Unassigned Stable
1945 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales Stable
28534 Unassigned Sporadic
20040
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__Oceaniovalibus;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
39485
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Ectothiorhodospiracea
e;D_5__Acidiferrobacter;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
1238 Unassigned Stable
8461 D_0__Bacteria;D_1__TM6;D_2__uncultured deep-sea

bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 35695 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria Stable
 22539
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Thiotrichales;D_4__Piscirickettsiaceae;D_5__Cycloclasticus;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 25629 Unassigned Sporadic
 20905 Unassigned Stable
 37675 Unassigned Stable
 33436 D_0__Bacteria;D_1__Firmicutes Stable
 15621
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Fulvivirga Stable
 9015 Unassigned Stable
 24026
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
 37226 Unassigned Stable
 4349 Unassigned Sporadic
 23342 Unassigned Stable
 23028 Unassigned Stable
 14234
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae Stable
 18999 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 5489
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae Stable
 29 D_0__Bacteria;D_1__Acidobacteria;D_2__Holophagae;D_3__Subgroup 10;D_4__Sva0725;D_5__uncultured
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 15544
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae Stable
 11099 Unassigned Stable
 12095 Unassigned Stable
 10780 D_0__Bacteria Stable
 21692 Unassigned Stable
 12321 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__GR-WP33-30;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 12329 Unassigned Stable
 33613
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium Stable
 2958 Unassigned Stable
 2950 Unassigned Sporadic
 35715 Unassigned Stable
 27696 Unassigned Stable
 22180 Unassigned Stable
 32153 Unassigned Stable
 26253
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae Stable
 31253 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micrococcales;D_4__Microbacteriaceae Stable
 37522
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae

Stable
38727 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae
Stable
30559 Unassigned Stable
30196
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
obium;D_6__uncultured organism;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
31607 Unassigned Stable
34120 Unassigned Stable
9124
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Aqu
imarina Stable
19668 Unassigned Stable
17548 Unassigned Stable
37212 Unassigned Stable
20634 Unassigned Sporadic
10018 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria Stable
15999 D_0__Bacteria;D_1__Candidate division OD1;D_2__uncultured
bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
28839 D_0__Bacteria;D_1__Bacteroidetes;D_2__Bacteroidia;D_3__Bacteroidales Stable
28833 Unassigned Stable
19505
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Cox
iella Stable
2363
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__uncultured Stable
1860 Unassigned Stable
11731
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5
__uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
17067 Unassigned Stable
17068
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya
Stable
29680 Unassigned Stable
18300
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__llu
matobacter Stable
28486
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriacea
e Stable
28158 Unassigned Stable
38905
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5
__Thalassospira Stable
38902
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae;D
_5__Hellea;D_6__uncultured alpha
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
31889 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales Stable
25240 Unassigned Stable
25247 Unassigned Stable
3558

D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Peptostreptococcaceae;D_5__uncultured
;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__
Stable
719 Unassigned Stable
38687

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
obium Stable
30453

D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__Spirocha
eta;D_6__uncultured Spirochaetes
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
18074

D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__u
ncultured;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
31412 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
5772

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__uncultured Sporadic
35977

D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__uncultured;D_5__uncultured
bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
39223 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__SAR324 clade(Marine group
B);D_4__uncultured
bacterium;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
12199 Unassigned Stable
21797 Unassigned Stable
17663 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
13571 Unassigned Stable
13570 Unassigned Stable
10557

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__uncultured Stable
7258 Unassigned Stable
29444 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29 Stable
28310

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae
Stable
37495 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured
alpha
proteobacterium;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__
Stable
25002 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Clostridiaceae 3 Stable
16274

D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales;D_4__Mycobacteriaceae;D_5__
Mycobacterium Stable
36866

D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
Stable
36862 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Order Incertae
Sedis;D_4__Family Incertae Sedis;D_5__Marinicella;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
36860 D_0__Bacteria;D_1__Acidobacteria;D_2__Acidobacteria;D_3__Subgroup 6;D_4__uncultured
bacterium;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
9096 Unassigned Sporadic
9097

D_0__Bacteria;D_1__Chlorobi;D_2__Chlorobia;D_3__Chlorobiales;D_4__Chlorobiaceae;D_5__Prosthecochloris

Sporadic

27514	Unassigned	Stable
25853	Unassigned	Stable
6639	Unassigned	Stable
6638	Unassigned	Stable
10847		
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable		
24721		
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfovibrionales;D_4__Desulfovibrionaceae;D_5__Desulfovibrio Stable		
31926	Unassigned	Stable
4649	Unassigned	Stable
110	Unassigned	Stable
18915		
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable		
7644	D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Gammaproteobacteria Incertae Sedis;D_4__Unknown Family;D_5__Thiohalophilus Stable	
14419	Unassigned	Stable
13827	Unassigned	Stable
5635 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Clostridiaceae 1;D_5__Clostridium sensu stricto 1;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable		
38340		
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured Stable		