

otu	taxonomy	assignment
9258	Unassigned	Stable
12834	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
22670	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
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
24147	D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured	Sporadic
24142	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
33751	Unassigned	Stable
38562	Unassigned	Stable
8036	D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Nitratireductor	Stable
13988	D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria	Stable
5936	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
7946	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
16914	D_0__Bacteria	Stable
10513	Unassigned	Stable
10510	D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured	Stable
696	Unassigned	Stable
24572	Unassigned	Stable
32058	Unassigned	Stable
21870	D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__uncultured	Stable
26061	Unassigned	Stable
38602	Unassigned	Stable
17179	Unassigned	Stable
2551	Unassigned	Stable
11476	Unassigned	Stable
37889	Unassigned	Stable
27277	D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae	Stable
25521	Unassigned	Stable
6823	Unassigned	Stable
37411	Unassigned	Sporadic
14145	Unassigned	Stable
38033	D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae	Stable

15361 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

17432 Unassigned Stable

13324  
D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionII;D\_4\_\_FamilyII;D\_5\_\_Pleurocapsa  
Stable

38851 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

14802 Unassigned Stable

11879  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Pseudomonadales;D\_4\_\_Pseudomonadace  
ae;D\_5\_\_Pseudomonas Stable

1687 Unassigned Stable

28055 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable

25326 Unassigned Stable

22951 Unassigned Stable

2740  
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

37304 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable

27418  
D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Flavobacteriia;D\_3\_\_Flavobacteriales;D\_4\_\_Flavobacteriaceae;D\_5\_\_Mari  
bacter Stable

27413 Unassigned Stable

35294 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable

35292  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable

24440 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

4455 D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Acidimicrobiia;D\_3\_\_Acidimicrobiales;D\_4\_\_Sva0996 marine  
group Stable

19056  
D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Actinobacteria;D\_3\_\_Micrococcales;D\_4\_\_Brevibacteriaceae;D\_5\_\_Brevi  
bacterium Stable

12752  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Caulobacterales;D\_4\_\_Hyphomonadaceae  
Stable

13150 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable

34844 Unassigned Sporadic

26359 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

8143  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae;D  
\_5\_\_Roseovarius Stable

36998 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

33480  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales;D\_4\_\_Methylobacteriaceae;D\_5\_\_  
\_Methylobacterium Stable

3367

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\_\_ Stable

3362 Unassigned Stable

23181 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\_\_ Stable

8175 Unassigned Stable

8942 Unassigned Stable

1433

D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable

2867

D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Thermoleophilia;D\_3\_\_Gaiellales;D\_4\_\_Gaiellaceae;D\_5\_\_Gaiella;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

32311 Unassigned Stable

2052 Unassigned Stable

36545 Unassigned Stable

18441

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

10163 Unassigned Stable

1605 Unassigned Stable

1604 Unassigned Sporadic

20956 Unassigned Stable

7549 Unassigned Stable

10995

D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodospirillales;D\_4\_\_Rhodospirillaceae;D\_5\_\_  
Pelagibius;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

10992 Unassigned Stable

2217 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

20441 Unassigned Stable

30284 Unassigned Stable

37256 Unassigned Stable

30995

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

439 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\_\_ Stable

28658 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

515 Unassigned Stable

4163 Unassigned Stable

6543 Unassigned Stable  
19638 D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_KIST-JJY010;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  
7363 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable  
1031 D\_0\_\_Bacteria;D\_1\_\_Firmicutes;D\_2\_\_Clostridia;D\_3\_\_Clostridiales;D\_4\_\_Ruminococcaceae Stable  
1035 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Alteromonadales;D\_4\_\_Alteromonadaceae;D\_5\_\_uncultured Stable  
8082 D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Acidimicrobiia;D\_3\_\_Acidimicrobiales;D\_4\_\_OM1 clade Sporadic  
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  
2393 Unassigned Stable  
21213 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  
9190 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable  
23103 Unassigned Stable  
34668 Unassigned Stable  
35392 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  
6489 Unassigned Stable  
35532 Unassigned 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  
18688 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  
14563 Unassigned Sporadic  
38100 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  
38109 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria Stable  
39276 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria 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  
14979 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Pseudomonadales;D\_4\_\_Pseudomonadaceae;D\_5\_\_Pseudomonas Stable  
1263 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodospirillales;D\_4\_\_Rhodospirillaceae Stable  
9048 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodospirillales Stable  
20977 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable  
20974 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Chloroplast Stable  
6606 Unassigned Stable  
5162 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable

34397 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  
9201 Unassigned Stable  
10280  
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  
2908 Unassigned 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  
8571 Unassigned Stable  
26593  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Legionellales;D\_4\_\_Coxiellaceae;D\_5\_\_Coxiella Stable  
4906  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Sphingomonadales;D\_4\_\_Sphingomonadaceae;D\_5\_\_Sphingomonas Stable  
21298  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Enterobacteriales;D\_4\_\_Enterobacteriaceae Stable  
8831  
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  
1576 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable  
25728  
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  
14654 Unassigned Sporadic  
31754  
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  
15293 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\_\_ Stable  
4755 Unassigned Stable  
17630 Unassigned Stable  
13293 D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes Stable  
6220 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  
6229  
D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Actinobacteria;D\_3\_\_Propionibacteriales;D\_4\_\_Propionibacteriaceae;D\_5\_\_Propionibacterium Stable  
29136 Unassigned Stable  
34506  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae Stable  
23062 Unassigned Stable  
4617 Unassigned Stable  
146  
D\_0\_\_Bacteria;D\_1\_\_Firmicutes;D\_2\_\_Clostridia;D\_3\_\_Clostridiales;D\_4\_\_Eubacteriaceae;D\_5\_\_Eubacterium;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

36592 Unassigned Stable  
 18963  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
 Stable  
 12044 Unassigned Stable  
 26204  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Sphingomonadales;D\_4\_\_Sphingomonadaceae;D\_5\_\_Sphingomonas Sporadic  
 17402 Unassigned Stable  
 10750  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Enterobacteriales;D\_4\_\_Enterobacteriaceae;D\_5\_\_Escherichia-Shigella Stable  
 6874 Unassigned Stable  
 29736 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionIII;D\_4\_\_FamilyI Stable  
 12864 Unassigned Stable  
 23292 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Chloroplast Stable  
 28060 Unassigned 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  
 25378 Unassigned Stable  
 3079 Unassigned Stable  
 29071 Unassigned Stable  
 6728 Unassigned Stable  
 6094 Unassigned Stable  
 7174  
 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionIII;D\_4\_\_FamilyI;D\_5\_\_Oscillatoria  
 Stable  
 38211 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria Stable  
 19682 Unassigned Stable  
 10650 Unassigned Stable  
 13106 Unassigned Stable  
 28457 Unassigned Stable  
 1315 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable  
 35023  
 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionII;D\_4\_\_FamilyII;D\_5\_\_Pleurocapsa  
 Stable  
 26485  
 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionIII;D\_4\_\_FamilyI;D\_5\_\_Phormidium  
 Stable  
 18535 Unassigned Stable  
 7289 D\_0\_\_Bacteria;D\_1\_\_Nitrospirae;D\_2\_\_Nitrospira;D\_3\_\_Nitrospirales;D\_4\_\_Nitrospiraceae;D\_5\_\_Nitrospira  
 Stable  
 17918 Unassigned Stable  
 5505 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable  
 28923 Unassigned Stable  
 5791  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
 Stable  
 11408 Unassigned Stable  
 19233  
 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionIII;D\_4\_\_FamilyI;D\_5\_\_Phormidium  
 Stable  
 16846 Unassigned Stable  
 16849  
 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  
 37481 Unassigned Stable  
 10440 Unassigned Stable  
 21779 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales;D\_4\_\_Phyllobacteriaceae  
 Stable  
 8970 Unassigned Stable  
 8971  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
 Stable  
 6566 Unassigned Stable  
 26699 Unassigned Stable  
 2830 Unassigned Stable  
 22339 Unassigned Stable  
 26171 Unassigned Stable  
 26177 Unassigned Sporadic  
 3401 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable  
 4874 Unassigned Stable  
 18479 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable  
 3183 Unassigned Stable  
 6309 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales Stable  
 6301 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  
 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\_\_ Stable  
 1181 Unassigned Stable  
 24411  
 D\_0\_\_Bacteria;D\_1\_\_Spirochaetae;D\_2\_\_Spirochaetes;D\_3\_\_Spirochaetales;D\_4\_\_Leptospiraceae;D\_5\_\_unculture  
 d Stable  
 28740  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodospirillales;D\_4\_\_Rhodospirillales  
 Incertae Sedis;D\_5\_\_Candidatus Alysiosphaera Stable  
 35443  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Vibrionales;D\_4\_\_Vibrionaceae;D\_5\_\_Vibri  
 o Stable  
 27148  
 D\_0\_\_Bacteria;D\_1\_\_Verrucomicrobia;D\_2\_\_Spartobacteria;D\_3\_\_Chthoniobacteriales;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  
 25522 Unassigned Stable  
 18846 Unassigned Stable  
 30180 Unassigned Stable  
 19603 Unassigned Stable  
 11032  
 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  
 23482  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales;D\_4\_\_Phyllobacteriaceae;D\_5\_\_  
 Ahrensia Stable  
 22755 Unassigned Stable  
 37094 Unassigned Sporadic  
 15489 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  
 12685 Unassigned 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  
9813

D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable  
22515 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable  
26469 Unassigned Stable  
2607

D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae;D  
\_5\_\_Pseudovibrio Stable  
20927 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Chromatiales Stable  
9034

D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionIII;D\_4\_\_FamilyI;D\_5\_\_Phormidium  
Stable  
4091

D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Actinobacteria;D\_3\_\_Micrococcales;D\_4\_\_Micrococcaceae;D\_5\_\_Arthrob  
acter;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  
4098

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  
36384 Unassigned Stable  
7592 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria 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  
34464 Unassigned Stable  
23569 Unassigned Stable  
23563

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  
32177 Unassigned Stable  
19941

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  
15761 Unassigned Stable  
6505 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Xanthomonadales;D\_4\_\_JTB255  
marine benthic group Stable  
2348 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionI;D\_4\_\_FamilyI Sporadic  
4232 Unassigned 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  
33878 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionI;D\_4\_\_FamilyI Stable  
20457

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  
4705 Unassigned Stable  
4702 Unassigned Stable  
7896 Unassigned Stable



19898  
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

20750 Unassigned Stable

7277 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Methylococcales;D\_4\_\_Marine Methylophilic Group 2;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

7279 Unassigned Sporadic

1749 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Alteromonadales Stable

1290 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

2681 Unassigned Stable

27572  
D\_0\_\_Bacteria;D\_1\_\_Firmicutes;D\_2\_\_Bacilli;D\_3\_\_Lactobacillales;D\_4\_\_Carnobacteriaceae;D\_5\_\_Carnobacterium;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

27573  
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

24705 D\_0\_\_Bacteria Stable

15873 Unassigned Stable

7666 Unassigned Stable

38366  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable

21639 Unassigned Stable

13077 Unassigned Sporadic

10188 Unassigned Stable

32241 Unassigned 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\_\_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

36112 Unassigned Stable

4005 D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Actinobacteria Stable

11248  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Sphingomonadales;D\_4\_\_Sphingomonadaceae;D\_5\_\_Sphingomonas;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

5809 Unassigned Stable

16975 Unassigned Stable

9922 Unassigned Stable

18501 Unassigned Stable

12405 D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Acidimicrobia;D\_3\_\_Acidimicrobiales;D\_4\_\_Sva0996 marine group;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

870 Unassigned Stable

24277  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae

Stable  
10476  
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

10472  
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

34262 Unassigned Stable  
28588 Unassigned Stable  
37472 Unassigned Stable  
18315 Unassigned Stable  
15695 Unassigned Stable

39094  
D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Sphingobacteriia;D\_3\_\_Sphingobacteriales;D\_4\_\_Saprospiraceae Stable

13342  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodospirillales;D\_4\_\_Rhodospirillaceae;D\_5\_\_uncultured Stable

37555 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

28033  
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

31205  
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

31201  
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\_\_ Sporadic

37556 Unassigned Stable

21379  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae 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

26746  
D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Acidimicrobiia;D\_3\_\_Acidimicrobiales;D\_4\_\_Acidimicrobiaceae;D\_5\_\_Ilumatobacter Stable

5344  
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

5340  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae Stable

574 Unassigned Stable  
18292 Unassigned Stable

15061  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Pseudomonadales;D\_4\_\_Moraxellaceae;D\_5\_\_Enhydrobacter Stable

16607 D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Flavobacteriia;D\_3\_\_Flavobacteriales;D\_4\_\_Flavobacteriaceae  
Stable

20686  
D\_0\_\_Bacteria;D\_1\_\_Verrucomicrobia;D\_2\_\_Verrucomicrobiae;D\_3\_\_Verrucomicrobiales;D\_4\_\_Verrucomicrobiacea  
e;D\_5\_\_Haloferula Stable

9631 Unassigned Stable

29345 Unassigned Stable

36016  
D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Actinobacteria;D\_3\_\_Propionibacteriales;D\_4\_\_Propionibacteriaceae;D\_5  
\_\_Propionibacterium Stable

15459  
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

19285 Unassigned Stable

9349  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable

13279 Unassigned Stable

28509  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable

35139  
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

36569 Unassigned Stable

36562 Unassigned Stable

20917 Unassigned Stable

18423 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable

39360 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria Stable

6425 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_ARKICE-90;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

36604 Unassigned Stable

36601  
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

36608 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable

15550 Unassigned Stable

8247 Unassigned Stable

11666 Unassigned Stable

222  
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

32143 Unassigned Stable

26244  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales;D\_4\_\_Phyllobacteriaceae  
Stable

2171  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodospirillales;D\_4\_\_Rhodospirillaceae;D\_5  
\_\_uncultured Stable

2179 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable

30546 Unassigned Stable

39448 D\_0\_\_Bacteria;D\_1\_\_BD1-5;D\_2\_\_bacterium WH3-

1;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  
35821  
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  
21235 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable  
17051 Unassigned Stable  
17058 Unassigned 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  
24673 Unassigned Stable  
15189 Unassigned Sporadic  
39259 Unassigned Stable  
21033 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  
21032 Unassigned Stable  
12182  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales;D\_4\_\_Phyllobacteriaceae  
Stable  
21784 Unassigned Stable  
1245 Unassigned Stable  
25014  
D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Flavobacteriia;D\_3\_\_Flavobacteriales;D\_4\_\_Flavobacteriaceae;D\_5\_\_Aqu  
imarina Sporadic  
36879 Unassigned Stable  
2653 Unassigned Stable  
20999 Unassigned Stable  
22062  
D\_0\_\_Bacteria;D\_1\_\_Chloroflexi;D\_2\_\_Anaerolineae;D\_3\_\_Anaerolineales;D\_4\_\_Anaerolineaceae;D\_5\_\_uncultured  
Stable  
5145  
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  
126  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable  
15885  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Sphingomonadales;D\_4\_\_Erythrobacteracea  
e Stable  
15889 Unassigned Stable  
6943 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionI;D\_4\_\_FamilyI Stable  
13818 Unassigned Stable  
10734 D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Acidimicrobiia;D\_3\_\_Acidimicrobiales;D\_4\_\_OM1 clade  
Stable  
5253  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable  
27193 Unassigned Stable  
12808 Unassigned Stable  
3771 Unassigned Stable  
36440  
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  
 15712 Unassigned Stable  
 30325 Unassigned Stable  
 23279 Unassigned Stable  
 36166 Unassigned Stable  
 18719 Unassigned Stable  
 8029 Unassigned Stable  
 6879 Unassigned Stable  
 13662 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 Sporadic  
 16205 D\_0\_\_Bacteria;D\_1\_\_Firmicutes;D\_2\_\_Clostridia;D\_3\_\_Clostridiales;D\_4\_\_Family XII Stable  
 9977 Unassigned Stable  
 26058 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Deltaproteobacteria Stable  
 33882  
 D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Sphingobacteriia;D\_3\_\_Sphingobacteriales;D\_4\_\_Saprospiraceae;D\_5\_\_uncultured bacterium;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  
 10348 Unassigned Stable  
 7224 Unassigned Stable  
 6242  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Legionellales;D\_4\_\_Coxiellaceae;D\_5\_\_uncultured bacterium;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  
 6247 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria Stable  
 827 D\_0\_\_Bacteria;D\_1\_\_Chlorobi;D\_2\_\_Ignavibacteria;D\_3\_\_Ignavibacteriales;D\_4\_\_IheB3-7 Stable  
 12477 Unassigned Stable  
 8185 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  
 2528  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae;D\_5\_\_uncultured bacterium;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  
 23005 Unassigned Stable  
 22351  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae;D\_5\_\_uncultured bacterium;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  
 254 Unassigned Stable  
 3461 Unassigned Stable  
 15800  
 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionI;D\_4\_\_FamilyI;D\_5\_\_uncultured bacterium;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  
 18326  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Legionellales;D\_4\_\_Coxiellaceae;D\_5\_\_Coxiella Stable  
 2893 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  
 17421 Unassigned Stable  
 11864  
 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionIII;D\_4\_\_FamilyI;D\_5\_\_uncultured bacterium;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  
 21309 Unassigned Stable

27462 Unassigned Stable  
 29057 Unassigned Stable  
 31053 Unassigned Stable  
 31056  
 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  
 32777 D\_0\_\_Bacteria;D\_1\_\_Fusobacteria;D\_2\_\_Fusobacteriia;D\_3\_\_Fusobacteriales Stable  
 18798 Unassigned Stable  
 13915  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodospirillales;D\_4\_\_Rhodospirillaceae  
 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  
 19040 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales Stable  
 17323 D\_0\_\_Bacteria;D\_1\_\_Firmicutes;D\_2\_\_Bacilli;D\_3\_\_Bacillales;D\_4\_\_Planococcaceae Stable  
 17327  
 D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Cytophagia;D\_3\_\_Cytophagales;D\_4\_\_Flammeovirgaceae;D\_5\_\_Marinos  
 cillum Stable  
 7936 Unassigned Stable  
 12296 Unassigned Stable  
 21493 Unassigned Stable  
 33732 Unassigned Stable  
 11980 Unassigned Stable  
 11984 Unassigned Stable  
 29524 Unassigned Stable  
 8348 Unassigned Stable  
 8343 Unassigned Stable  
 32573  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
 Stable  
 3631 Unassigned Stable  
 9663 Unassigned Stable  
 36986 Unassigned Stable  
 35982  
 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  
 4267 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable  
 12966 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  
 7095 Unassigned Stable  
 15467 Unassigned Stable  
 16866 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionIII;D\_4\_\_FamilyI Stable  
 1986 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable  
 29484 Unassigned Stable  
 35168 Unassigned Stable  
 28681  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Deltaproteobacteria;D\_3\_\_Myxococcales;D\_4\_\_Polyangiaceae;D\_5\_\_Sor  
 angium Stable  
 27751 Unassigned Stable  
 27284 Unassigned Stable  
 32307 Unassigned Stable  
 25594 Unassigned Stable  
 2044 Unassigned 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\_\_ Stable  
1502 Unassigned Stable

10157 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionIII;D\_4\_\_FamilyI Stable  
29972 Unassigned Stable

9299 D\_0\_\_Bacteria;D\_1\_\_Firmicutes;D\_2\_\_Bacilli;D\_3\_\_Bacillales;D\_4\_\_Bacillaceae;D\_5\_\_Bacillus Stable  
30987 Unassigned Stable

23813  
D\_0\_\_Bacteria;D\_1\_\_Firmicutes;D\_2\_\_Bacilli;D\_3\_\_Lactobacillales;D\_4\_\_Enterococcaceae;D\_5\_\_Vagococcus  
Stable

27126  
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  
4990 Unassigned Stable

14076 Unassigned Stable

525 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales Stable  
11171 Unassigned 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  
4179 Unassigned Stable

1005  
D\_0\_\_Bacteria;D\_1\_\_Verrucomicrobia;D\_2\_\_Verrucomicrobiae;D\_3\_\_Verrucomicrobiales;D\_4\_\_Verrucomicrobiacea  
e;D\_5\_\_Roseibacillus Stable  
11013 Unassigned Stable

21889  
D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionII;D\_4\_\_FamilyII;D\_5\_\_Pleurocapsa  
Stable

21883  
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

10823  
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

14606  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Legionellales;D\_4\_\_Coxiellaceae;D\_5\_\_Cox  
iella Stable

29395 Unassigned Stable  
25992 Unassigned Stable  
34678 Unassigned Stable  
31843 Unassigned Stable

25201 D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Flavobacteriia;D\_3\_\_Flavobacteriales;D\_4\_\_Cryomorphaceae  
Stable

759 Unassigned Stable

18036 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

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\_\_ Stable

13783 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\_\_ Stable  
12662 Unassigned Stable  
22579 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Sporadic  
26403  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable  
2596 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable  
9584 Unassigned Stable  
22890 Unassigned Stable  
31296 Unassigned Stable  
37843 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Alteromonadales Stable  
37844 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable  
37849 Unassigned Stable  
4680  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae;D\_5\_\_uncultured Stable  
7604  
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  
11505 Unassigned Stable  
24306 Unassigned Stable  
27654 Unassigned Stable  
2127  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Betaproteobacteria;D\_3\_\_Burkholderiales;D\_4\_\_Oxalobacteraceae;D\_5\_\_  
\_Candidatus Profftella;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  
15740 Unassigned Stable  
15748  
D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Sphingobacteriia;D\_3\_\_Sphingobacteriales;D\_4\_\_Sphingobacteriaceae;D\_5\_\_  
\_Nubsella Stable  
39412  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Sphingomonadales;D\_4\_\_Sphingomonadace  
ae;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  
3088 Unassigned Stable  
7478 Unassigned Stable  
7476 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable  
16049 Unassigned Stable  
25284 Unassigned Stable  
22481 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  
24882 Unassigned Stable  
30413 Unassigned Stable  
30412 Unassigned Stable  
4722 Unassigned Stable  
10461 D\_0\_\_Bacteria;D\_1\_\_Fusobacteria;D\_2\_\_Fusobacteriia;D\_3\_\_Fusobacteriales Stable  
6215 Unassigned Stable  
33026 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rickettsiales 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  
34531 Unassigned Stable  
26605 Unassigned Stable



24087 Unassigned 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  
158 D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Cytophagia;D\_3\_\_Order II;D\_4\_\_Rhodothermaceae;D\_5\_\_uncultured Stable  
18951 Unassigned Stable  
3495 Unassigned Stable  
5678 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  
12057  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Deltaproteobacteria;D\_3\_\_Myxococcales;D\_4\_\_Sandaracinaceae  
Stable  
22313 Unassigned Stable  
1133  
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  
12875 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  
30172 Unassigned Stable  
31026  
D\_0\_\_Bacteria;D\_1\_\_Chloroflexi;D\_2\_\_Chloroflexia;D\_3\_\_Chloroflexales;D\_4\_\_Roseiflexaceae;D\_5\_\_Roseiflexus  
Stable  
3912 Unassigned 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\_\_ Stable  
4416  
D\_0\_\_Bacteria;D\_1\_\_Spirochaetae;D\_2\_\_Spirochaetes;D\_3\_\_Spirochaetales;D\_4\_\_Spirochaetaceae;D\_5\_\_Spirochaeta  
Stable  
36286 Unassigned Stable  
7903 Unassigned Stable  
20822 Unassigned Stable  
13114 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionIII;D\_4\_\_FamilyI Stable  
19566 Unassigned Sporadic  
9906 Unassigned Stable  
22404  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae;D\_5\_\_Sulfitobacter;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  
26315  
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  
25759 Unassigned Stable  
6297 Unassigned Stable  
14347 Unassigned Stable  
12428 Unassigned Stable  
5782 D\_0\_\_Bacteria;D\_1\_\_Verrucomicrobia;D\_2\_\_Verrucomicrobiae;D\_3\_\_Verrucomicrobiales;D\_4\_\_DEV007  
Stable  
21764 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria Stable  
21761 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  
 21768  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodospirillales;D\_4\_\_Rhodospirillaceae  
 Stable  
 2823  
 D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Sphingobacteriia;D\_3\_\_Sphingobacteriales;D\_4\_\_Saprospiraceae;D\_5\_\_L  
 ewinella;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  
 1408 Unassigned Stable  
 22300  
 D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Flavobacteriia;D\_3\_\_Flavobacteriales;D\_4\_\_Flavobacteriaceae;D\_5\_\_Mur  
 icauda Stable  
 22304  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodospirillales;D\_4\_\_Rhodospirillaceae  
 Stable  
 3417 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionIII;D\_4\_\_FamilyI Stable  
 38869 Unassigned Stable  
 28012  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales;D\_4\_\_Phyllobacteriaceae  
 Stable  
 16464 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria Stable  
 27988  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales;D\_4\_\_Methylocystaceae Stable  
 37928 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  
 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  
 36200 Unassigned Stable  
 3392 Unassigned Stable  
 33699 Unassigned Sporadic  
 21110 Unassigned Stable  
 17532 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria Stable  
 13444 D\_0\_\_Bacteria;D\_1\_\_Acidobacteria;D\_2\_\_Holophagae;D\_3\_\_Subgroup  
 10;D\_4\_\_CA002;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  
 13190  
 D\_0\_\_Bacteria;D\_1\_\_Firmicutes;D\_2\_\_Clostridia;D\_3\_\_Clostridiales;D\_4\_\_Christensenellaceae;D\_5\_\_Christensenell  
 a;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  
 13195 Unassigned Stable  
 20393 Unassigned 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  
 34088 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_E6aD10 Stable  
 29631 Unassigned Stable  
 29638  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae;D\_5\_\_Ruegeria Stable  
 23490  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales;D\_4\_\_Phyllobacteriaceae;D\_5\_\_Cohaesibacter Stable  
 5288 Unassigned Stable  
 38146 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  
 11341 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  
 28521 Unassigned Stable  
 20059 Unassigned Stable  
 29436 Unassigned Stable  
 33682 Unassigned Stable  
 2098 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  
 21337  
 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  
 30178 Unassigned Stable  
 6644 Unassigned Stable  
 33368 Unassigned Stable  
 36624  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Legionellales;D\_4\_\_Coxiellaceae;D\_5\_\_Cox  
 iella Stable  
 6950 Unassigned Stable  
 19304 Unassigned Stable  
 12087 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales;D\_4\_\_Rhodobiaceae  
 Stable  
 37368  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
 Stable  
 12089 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable  
 20488  
 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionII;D\_4\_\_FamilyII;D\_5\_\_Pleurocapsa  
 Stable  
 12333 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Deltaproteobacteria;D\_3\_\_Sh765B-TzT-29 Stable  
 24335 Unassigned Stable  
 24480 Unassigned Stable  
 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  
 35703 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  
 26224 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Chloroplast Stable  
 4948  
 D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Actinobacteria;D\_3\_\_Micrococcales;D\_4\_\_Micrococcaceae;D\_5\_\_Rothia  
 Stable  
 14790 Unassigned Stable  
 18237 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  
 34864 Unassigned Stable  
 4127 Unassigned Stable  
 19672 Unassigned Stable  
 10002 Unassigned Stable

15980  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Legionellales;D\_4\_\_Coxiellaceae;D\_5\_\_Coxiella Stable

8197 Unassigned Stable

20569 Unassigned Stable

19244 Unassigned Stable

22235 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

35578 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable

33062  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae Sporadic

14611 Unassigned Stable

31796 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionI;D\_4\_\_FamilyI Sporadic

39233 Unassigned Stable

14705  
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

14936 Unassigned Stable

24714 Unassigned Stable

22001  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodospirillales;D\_4\_\_Rhodospirillaceae;D\_5\_\_uncultured Stable

6052  
D\_0\_\_Bacteria;D\_1\_\_Firmicutes;D\_2\_\_Bacilli;D\_3\_\_Lactobacillales;D\_4\_\_Streptococcaceae;D\_5\_\_Streptococcus Stable

37176 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_KI89A clade;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

14400 Unassigned Stable

38357 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

39006 Unassigned Stable

13060  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Xanthomonadales;D\_4\_\_JTB255 marine benthic group Stable

20262 Unassigned Stable

4815 Unassigned Sporadic

16021 Unassigned Stable

23256 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable

30964 Unassigned Stable

18886  
D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionIII;D\_4\_\_FamilyI;D\_5\_\_Oscillatoria Stable

16690 Unassigned Stable

12273 Unassigned Stable

35068 Unassigned Stable

27035 Unassigned Sporadic

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  
36745  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae;D\_5\_\_Rhodovulum;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  
12414 Unassigned Sporadic  
12416 Unassigned Stable  
17133 Unassigned 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  
29244  
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  
34274 Unassigned Stable  
6413  
D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Cytophagia;D\_3\_\_Cytophagales;D\_4\_\_Flammeovirgaceae;D\_5\_\_Candidatus Amoebophilus Stable  
25687 Unassigned Stable  
31504  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Deltaproteobacteria;D\_3\_\_Bdellovibrionales;D\_4\_\_Bacteriovoracaceae  
Stable  
20155  
D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Bacteroidia;D\_3\_\_Bacteroidales;D\_4\_\_Porphyromonadaceae;D\_5\_\_Paludibacter;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  
21859  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable  
27929 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable  
5195 Unassigned Stable  
11849 Unassigned Stable  
5190 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales Stable  
1678 Unassigned Stable  
300 D\_0\_\_Bacteria;D\_1\_\_Chloroflexi;D\_2\_\_Chloroflexia;D\_3\_\_Chloroflexales;D\_4\_\_FFCH7168;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  
38835 Unassigned Stable  
18803 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Deltaproteobacteria;D\_3\_\_Sh765B-TzT-29 Stable  
33004 Unassigned Stable  
7130 Unassigned Stable  
5542  
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  
7530 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  
13144  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Deltaproteobacteria;D\_3\_\_Syntrophobacterales;D\_4\_\_Syntrophaceae;D\_5\_\_Desulfomonile Stable  
1352  
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\_\_  
Sporadic  
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\_\_  
 Stable  
 30265 Unassigned Stable  
 7072 Unassigned Stable  
 28965 Unassigned Stable  
 12137  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Vibrionales;D\_4\_\_Vibrionaceae;D\_5\_\_Vibri  
 o Stable  
 13265 D\_0\_\_Bacteria;D\_1\_\_Candidate division TM7 Sporadic  
 2878 Unassigned Stable  
 32496  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Pasteurellales;D\_4\_\_Pasteurellaceae;D\_5\_\_  
 Haemophilus;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  
 34409 Unassigned Stable  
 2999 Unassigned Stable  
 2991 Unassigned Stable  
 24126  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Alteromonadales;D\_4\_\_Alteromonadaceae  
 Stable  
 6698 Unassigned Stable  
 10170  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
 Stable  
 5467 Unassigned Stable  
 14210 Unassigned Stable  
 29914  
 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  
 37297  
 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  
 7557 Unassigned Stable  
 13880 D\_0\_\_Bacteria;D\_1\_\_Firmicutes;D\_2\_\_Bacilli;D\_3\_\_Bacillales;D\_4\_\_Bacillaceae;D\_5\_\_Geobacillus  
 Stable  
 2220 Unassigned Sporadic  
 11655 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodospirillales;D\_4\_\_MSB-1E8  
 Stable  
 12309 D\_0\_\_Bacteria Stable  
 10237 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable  
 34424  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Deltaproteobacteria;D\_3\_\_Myxococcales;D\_4\_\_Sandaracinaceae;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  
 34428  
 D\_0\_\_Bacteria;D\_1\_\_Verrucomicrobia;D\_2\_\_Verrucomicrobiae;D\_3\_\_Verrucomicrobiales;D\_4\_\_Verrucomicrobiacea  
 e;D\_5\_\_Persicirhabdus;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  
 33658 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable  
 4150  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae;D  
 \_5\_\_Labrenzia Stable  
 4158 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria 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  
11925 Unassigned Stable  
1029 Unassigned Stable  
10808 Unassigned Stable  
16313 Unassigned Stable  
1499 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  
4545  
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  
4547  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae;D\_5\_\_uncultured Stable  
31478 Unassigned Stable  
15227 Unassigned Stable  
4316 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  
17686  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Oceanospirillales;D\_4\_\_Oceanospirillaceae;D\_5\_\_Marinomonas Sporadic  
9851 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_E6aD10 Stable  
35874 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  
9074 Unassigned Stable  
20963 Unassigned Stable  
31279  
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  
22056 D\_0\_\_Bacteria;D\_1\_\_Firmicutes;D\_2\_\_Clostridia;D\_3\_\_Clostridiales;D\_4\_\_Family XI;D\_5\_\_Peptoniphilus;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 Stable  
15528  
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  
35600 Unassigned Stable  
38098  
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  
33513  
D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Sphingobacteriia;D\_3\_\_Sphingobacteriales;D\_4\_\_Saprospiraceae;D\_5\_\_uncultured Stable  
27633  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae Stable  
27632  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Vibrionales;D\_4\_\_Vibrionaceae;D\_5\_\_Vibrio Stable

22696 Unassigned Stable  
36456  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable  
15090 Unassigned Stable  
35636 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales Stable  
35231 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable  
35637 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  
37705 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Deltaproteobacteria Stable  
36153 Unassigned Stable  
18709 Unassigned Stable  
10881 Unassigned Stable  
13605 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable  
2309  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Betaproteobacteria;D\_3\_\_Burkholderiales;D\_4\_\_Comamonadaceae  
Stable  
13612 Unassigned Stable  
11289 Unassigned Stable  
16935 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_OCS116 clade Stable  
16938 Unassigned Stable  
12220 Unassigned Stable  
10577 Unassigned Stable  
38767 Unassigned Stable  
24554  
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  
9968 Unassigned Stable  
32071 Unassigned Stable  
35913  
D\_0\_\_Bacteria;D\_1\_\_Firmicutes;D\_2\_\_Bacilli;D\_3\_\_Lactobacillales;D\_4\_\_Lactobacillaceae;D\_5\_\_Lactobacillus;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  
4293  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Pseudomonadales;D\_4\_\_Pseudomonadace  
ae;D\_5\_\_Pseudomonas;D\_6\_\_uncultured Pseudomonas  
sp.;D\_7\_\_;D\_8\_\_;D\_9\_\_;D\_10\_\_;D\_11\_\_;D\_12\_\_;D\_13\_\_;D\_14\_\_;D\_15\_\_;D\_16\_\_ Stable  
20718 Unassigned Stable  
14982 Unassigned Stable  
1705 Unassigned 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\_\_ 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  
22834 Unassigned Stable  
17169 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Sporadic  
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  
17418  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae;D  
\_5\_\_Actibacterium Stable  
13304 Unassigned Sporadic  
29709 Unassigned Stable



29708 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable  
11816 Unassigned Stable  
11810 Unassigned Stable  
1114  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Betaproteobacteria;D\_3\_\_Rhodocyclales;D\_4\_\_Rhodocyclaceae;D\_5\_\_Z  
oogloea;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  
28071  
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  
22614 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales Stable  
8880 Unassigned Stable  
21999 Unassigned Stable  
34495 Unassigned Stable  
34491  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable  
34490  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Vibrionales;D\_4\_\_Vibrionaceae;D\_5\_\_Phot  
obacterium Stable  
18836  
D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Acidimicrobiia;D\_3\_\_Acidimicrobiales;D\_4\_\_Acidimicrobiaceae;D\_5\_\_llu  
matobacter;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  
5417  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Legionellales;D\_4\_\_Coxiellaceae;D\_5\_\_Cox  
iella Stable  
13924 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_OCS116 clade Stable  
20806 D\_0\_\_Bacteria;D\_1\_\_BD1-5 Stable  
37049 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable  
38465  
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  
36052 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable  
6528 Unassigned Stable  
11412  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable  
21741 Unassigned Stable  
23983 Unassigned Stable  
32336 Unassigned Stable  
36525  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales;D\_4\_\_Phyllobacteriaceae;D\_5\_\_  
Aquamicrobium Stable  
4397 Unassigned Stable  
292  
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  
6379  
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  
6433 Unassigned Stable  
29967 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  
7521 Unassigned Stable  
10972 Unassigned Sporadic  
10975 Unassigned Stable  
2274  
D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Flavobacteriia;D\_3\_\_Flavobacteriales;D\_4\_\_Flavobacteriaceae;D\_5\_\_Hyu  
nsoonleella Stable  
20463 Unassigned Stable  
37949  
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  
34410 Unassigned Stable  
35453  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Legionellales;D\_4\_\_Legionellaceae;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  
36489 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  
14087 Unassigned Stable  
38754 Unassigned Sporadic  
39489 Unassigned Stable  
31360 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Adriatic90;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  
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  
7306  
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  
1010 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  
25152  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Thiotrichales;D\_4\_\_Thiotrichaceae;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  
6898 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  
3303 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  
622 D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Flavobacteriia;D\_3\_\_Flavobacteriales;D\_4\_\_Flavobacteriaceae  
Stable  
32606 Unassigned Stable  
22740  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable  
22747 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales;D\_4\_\_Rhodobiaceae

Stable

25219

D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Chromatiales;D\_4\_\_Chromatiaceae

Stable

12913 Unassigned Stable

15498

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

13792

D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodospirillales;D\_4\_\_Rhodospirillaceae

Stable

19861

D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae

Stable

5555

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

9807 Unassigned Stable

26475

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

23379

D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae;D\_5\_\_uncultured

Stable

36398 Unassigned Stable

36392 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionIV;D\_4\_\_FamilyI Stable

8251

D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Deltaproteobacteria;D\_3\_\_Myxococcales;D\_4\_\_Haliangiaceae;D\_5\_\_Haliangium;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

15510 Unassigned Stable

16151

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

21554 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales Stable

37266 Unassigned Stable

23579 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Betaproteobacteria Stable

26168

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

34809 Unassigned 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

3094 Unassigned Stable

31097 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rickettsiales Stable

10062 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable

4488 Unassigned Stable

13629 Unassigned Stable

20509 Unassigned Stable

10546

D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Oceanospirillales;D\_4\_\_Halomonadaceae;D\_5\_\_Halomonas

Stable

30875 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable  
32681  
D\_0\_\_Bacteria;D\_1\_\_Chloroflexi;D\_2\_\_Anaerolineae;D\_3\_\_Anaerolineales;D\_4\_\_Anaerolineaceae;D\_5\_\_uncultured  
Stable  
27366  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable  
25295  
D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Cytophagia;D\_3\_\_Cytophagales;D\_4\_\_Flammeovirgaceae;D\_5\_\_Reichen  
bachiella;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  
30466 Unassigned Stable  
30461  
D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Cytophagia;D\_3\_\_Cytophagales;D\_4\_\_Flammeovirgaceae;D\_5\_\_Candida  
tus Amoebophilus Stable  
30799 Unassigned Stable  
36263 Unassigned Stable  
28209 Unassigned Stable  
39210  
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  
20742 Unassigned Stable  
6576 Unassigned Stable  
1281 D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Acidimicrobiia;D\_3\_\_Acidimicrobiales;D\_4\_\_uncultured Stable  
28980 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales Stable  
22805 Unassigned Stable  
27541 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Deltaproteobacteria;D\_3\_\_Myxococcales;D\_4\_\_0319-  
6G20;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  
34524 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\_\_ Stable  
166 Unassigned Stable  
679 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Stable  
37190 Unassigned Stable  
14464 Unassigned Stable  
38376  
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  
206 Unassigned Stable  
16738 Unassigned Stable  
21623 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria Stable  
13082  
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  
28086 Unassigned Stable  
26534  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Chromatiales;D\_4\_\_Chromatiaceae;D\_5\_\_  
Nitrosococcus Stable  
32272 Unassigned Stable  
25393 Unassigned Stable  
38842 Unassigned Stable  
34190 Unassigned Stable

3907 Unassigned Stable

4408 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

5393 Unassigned Stable

30001 Unassigned Stable

7486  
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

11259 Unassigned Sporadic

11783 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_OCS116 clade Stable

17099 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

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

33733  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodospirillales;D\_4\_\_Rhodospirillaceae;D\_5\_\_Tistlia Stable

14599  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Aeromonadales;D\_4\_\_Aeromonadaceae;D\_5\_\_Aeromonas 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

17111 Unassigned Stable

7533 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rickettsiales;D\_4\_\_TK34 Stable

23950 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

33226  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Deltaproteobacteria;D\_3\_\_Desulfobacteriales;D\_4\_\_Desulfobulbaceae;D\_5\_\_uncultured Stable

26110 Unassigned Stable

3425  
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

30698 Unassigned Stable

4079  
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\_\_ Sporadic

19450  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Betaproteobacteria;D\_3\_\_Burkholderiales;D\_4\_\_Oxalobacteraceae;D\_5\_\_Candidatus Profftella;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

6326 Unassigned Stable

10114 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Chloroplast 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\_\_ Stable  
29017  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Legionellales;D\_4\_\_Coxiellaceae;D\_5\_\_Coxiella Stable  
28760 Unassigned Stable  
28761 Unassigned Stable  
24437  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Betaproteobacteria;D\_3\_\_Burkholderiales;D\_4\_\_Burkholderiaceae;D\_5\_\_Ralstonia Stable  
22106  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Deltaproteobacteria;D\_3\_\_Desulfovibrionales;D\_4\_\_Desulfovibrionaceae;D\_5\_\_Desulfovibrio Stable  
3981 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales Stable  
27160  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Betaproteobacteria;D\_3\_\_Rhodocyclales;D\_4\_\_Rhodocyclaceae;D\_5\_\_Dechloromonas Stable  
25455 Unassigned Sporadic  
569 Unassigned Stable  
4964 Unassigned Stable  
13955 Unassigned Stable  
18134 Unassigned Stable  
30086  
D\_0\_\_Bacteria;D\_1\_\_Verrucomicrobia;D\_2\_\_Verrucomicrobiae;D\_3\_\_Verrucomicrobiales;D\_4\_\_Verrucomicrobiaceae;D\_5\_\_Roseibacillus Sporadic  
30083 Unassigned Stable  
10093 D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Actinobacteria;D\_3\_\_Micrococcales;D\_4\_\_Microbacteriaceae Stable  
15916 Unassigned Stable  
30249 Unassigned Stable  
25957 Unassigned Stable  
23463 Unassigned Stable  
34637 Unassigned Stable  
35329  
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  
32670 Unassigned Stable  
24605  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Deltaproteobacteria;D\_3\_\_Bdellovibrionales;D\_4\_\_Bdellovibrionaceae;D\_5\_\_OM27 clade;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  
27984 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable  
14514  
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  
19163 Unassigned Stable  
28534 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\_\_ Sporadic  
22534 Unassigned Stable  
26199 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  
26190 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Betaproteobacteria;D\_3\_\_ocean12;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  
35860  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae;D  
\_5\_\_Ruegeria Stable  
20905 Unassigned Stable  
37227 Unassigned Stable  
23347 Unassigned Stable  
23340 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  
23025 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Chloroplast;D\_3\_\_uncultured phototrophic  
eukaryote;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  
11673 Unassigned Stable  
11677 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable  
12323  
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  
2958 Unassigned Stable  
31253 D\_0\_\_Bacteria;D\_1\_\_Actinobacteria;D\_2\_\_Actinobacteria;D\_3\_\_Micrococcales;D\_4\_\_Microbacteriaceae  
Sporadic  
37522  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae  
Stable  
4959 Unassigned Stable  
2167  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodospirillales;D\_4\_\_Rhodospirillaceae;D\_5  
\_\_Defluviicoccus Stable  
3292 Unassigned Stable  
36431 Unassigned Stable  
30553 Unassigned Stable  
34120 Unassigned Stable  
20632 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhizobiales Stable  
10018 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria Stable  
28246 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria Sporadic  
30825 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria Stable  
29680 Unassigned Stable  
23796 Unassigned Stable  
23798  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Pseudomonadales;D\_4\_\_Pseudomonadace  
ae;D\_5\_\_Pseudomonas Stable  
5415  
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  
5772  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Alphaproteobacteria;D\_3\_\_Rhodobacterales;D\_4\_\_Rhodobacteraceae;D  
\_5\_\_uncultured Stable  
21794  
D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Deltaproteobacteria;D\_3\_\_Myxococcales;D\_4\_\_Sandaracinaceae;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  
13576 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\_\_

16\_\_ Sporadic  
 10552 Unassigned Stable  
 37497 Unassigned Stable  
 9918 Unassigned Stable  
 16272  
 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  
 16279 Unassigned Stable  
 9096 Unassigned Stable  
 9097  
 D\_0\_\_Bacteria;D\_1\_\_Chlorobi;D\_2\_\_Chlorobia;D\_3\_\_Chlorobiales;D\_4\_\_Chlorobiaceae;D\_5\_\_Prosthecochloris  
 Stable  
 22854 Unassigned Stable  
 27514 Unassigned Sporadic  
 25851  
 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  
 29161  
 D\_0\_\_Bacteria;D\_1\_\_Proteobacteria;D\_2\_\_Gammaproteobacteria;D\_3\_\_Chromatiales;D\_4\_\_Chromatiaceae;D\_5\_\_Nitrosococcus Stable  
 6639 Unassigned Stable  
 6631  
 D\_0\_\_Bacteria;D\_1\_\_Bacteroidetes;D\_2\_\_Flavobacteriia;D\_3\_\_Flavobacteriales;D\_4\_\_Blattabacteriaceae;D\_5\_\_CN  
 77 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  
 7642 Unassigned Stable  
 37145  
 D\_0\_\_Bacteria;D\_1\_\_Cyanobacteria;D\_2\_\_Cyanobacteria;D\_3\_\_SubsectionII;D\_4\_\_FamilyII;D\_5\_\_Pleurocapsa  
 Stable  
 5493 Unassigned Stable  
 13823 Unassigned Stable  
 13822 Unassigned Stable  
 5639 Unassigned Stable