

OTU_ID	Taxonomy	Assignment
9	Unassigned	Stable
11	D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria	Stable
12	Unassigned	Stable
15	Unassigned	Stable
22	Unassigned	Stable
48	D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria	Sporadic
63	Unassigned	Stable
69	Unassigned	Stable
80	Unassigned	Sporadic
88	Unassigned	Sporadic
94	D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;D_5__Pseudospirillum;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
116	Unassigned	Stable
121	D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae	Stable
137	Unassigned	Stable
145	Unassigned	Stable
146	Unassigned	Stable
155	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
157	Unassigned	Stable
176	D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Nitrospinaceae;D_5__Candidatus Entotheonella;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__	Stable
184	D_0__Bacteria;D_1__Acidobacteria;D_2__Acidobacteria;D_3__Subgroup 9	Stable
190	D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria	Stable
195	D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__	Stable
197	Unassigned	Stable
200	D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales	Stable
210	Unassigned	Stable
226	D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micrococcales;D_4__Microbacteriaceae;D_5__Microbacterium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__	Stable
228	D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__CL500-29 marine group;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__	Stable
230	Unassigned	Stable
234	D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__Devosia;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__	Stable
239	D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Order II;D_4__Rhodothermaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__	Stable

247 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__Xanthomonadaceae Stable

252 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__Rickettsiales Incertae Sedis;D_5__Candidatus Odysella Stable

268 Unassigned Stable

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

271 Unassigned Sporadic

277 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

280 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae Stable

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

290 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine benthic group;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

292 Unassigned Sporadic

294 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

311 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfuromonadales;D_4__GR-WP33-58;D_5__uncultured delta proteobacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

326 Unassigned Sporadic

348 Unassigned Stable

361 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

373 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium Stable

421 Unassigned Stable

440 Unassigned Sporadic

443 Unassigned Stable

445 Unassigned Stable

461 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

475 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales Stable

497 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

502 Unassigned Stable

510 D_0__Bacteria;D_1__Candidate division SR1;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

512 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

513 Unassigned Stable

519 Unassigned Stable

522 D_0__Bacteria;D_1__Chloroflexi;D_2__Ardenticatenia;D_3__uncultured Stable

536 Unassigned Stable
552 Unassigned Stable
553 Unassigned Stable
554 Unassigned Stable
560 Unassigned Stable
576
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
579 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
609
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
obium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
611 D_0__Bacteria;D_1__TM6 Stable
619 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable
621 Unassigned Stable
666 Unassigned Stable
678 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
680 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
684 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Sandaracinaceae
Stable
690
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
698
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
ae Stable
725 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
726 D_0__Bacteria;D_1__Bacteroidetes;D_2__Bacteroidetes Incertae Sedis;D_3__Unknown
Order;D_4__Unknown Family;D_5__Prolixibacter Stable
731
D_0__Bacteria;D_1__Chloroflexi;D_2__Anaerolineae;D_3__Anaerolineales;D_4__Anaerolineaceae;D_5__uncultured
;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
740 Unassigned Stable
762 Unassigned Stable
779
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae
Stable
780
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__
Filomicrobium Stable
784
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
uncultured Stable
786 Unassigned Stable
812
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
obium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Sporadic
818 Unassigned Stable
827 Unassigned Stable

831 Unassigned Stable
862 Unassigned Sporadic
869 Unassigned Stable
879 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales Stable
894 Unassigned Stable
907
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
929
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
D_5__OM60(NOR5) clade;D_6__uncultured gamma
proteobacterium;D_7__ ;D_8__ ;D_9__ ;D_10__ ;D_11__ ;D_12__ ;D_13__ ;D_14__ ;D_15__ ;D_16__ Stable
931 Unassigned Stable
948 Unassigned Stable
967 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
988 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__Rickettsiales
Incertae Sedis;D_5__Candidatus Captivus;D_6__uncultured
bacterium;D_7__ ;D_8__ ;D_9__ ;D_10__ ;D_11__ ;D_12__ ;D_13__ ;D_14__ ;D_15__ ;D_16__ Stable
990 Unassigned Stable
995
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
997
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
1021 Unassigned Stable
1030 Unassigned Stable
1031
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
1049 Unassigned Stable
1051
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Rubritaleaceae;D_5__
Rubritalea;D_6__uncultured
bacterium;D_7__ ;D_8__ ;D_9__ ;D_10__ ;D_11__ ;D_12__ ;D_13__ ;D_14__ ;D_15__ ;D_16__ Stable
1081 Unassigned Sporadic
1085 Unassigned Stable
1089 Unassigned Stable
1090 Unassigned Stable
1102 Unassigned Stable
1113 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
1121
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
1132 Unassigned Stable
1145 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__GR-WP33-30;D_4__uncultured
organism;D_5__ ;D_6__ ;D_7__ ;D_8__ ;D_9__ ;D_10__ ;D_11__ ;D_12__ ;D_13__ ;D_14__ ;D_15__ ;D_16__ Stable
1159 Unassigned Stable
1163 Unassigned Stable
1166 Unassigned Stable
1167
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__

__Magnetospira;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 1172 Unassigned Stable
 1181
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
 obium Sporadic
 1197 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 1198 Unassigned Stable
 1202 Unassigned Stable
 1204 Unassigned Stable
 1208 Unassigned Stable
 1229 Unassigned Sporadic
 1234
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Halomonadaceae;
 D_5__Halomonas;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 1240 Unassigned Stable
 1252 Unassigned Stable
 1277 Unassigned Stable
 1285 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 1286 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
 1303 Unassigned Stable
 1320
 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
 1324
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 1326 Unassigned Stable
 1351 Unassigned Stable
 1362 Unassigned Stable
 1372
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
 Stable
 1382 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 1387 Unassigned Stable
 1398
 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
 1419
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
 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
 1424 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae
 Stable
 1428
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Aeromonadales;D_4__Aeromonadaceae;D
 _5__Aeromonas Stable
 1432 Unassigned Stable
 1440 Unassigned Stable
 1449 Unassigned Stable
 1457 Unassigned Stable
 1463 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
 1469 Unassigned Stable
 1500 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
 1501
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
 ae;D_5__Pseudomonas Stable
 1513 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255
 marine benthic group;D_5__uncultured
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 1515 Unassigned Stable
 1541
 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
 1549 Unassigned Stable
 1550
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
 Stable
 1551 Unassigned Stable
 1564
 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
 1565 Unassigned Stable
 1570
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
 _5__uncultured Stable
 1578
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
 ae;D_5__Pseudomonas Stable
 1600
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 1601 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 1603 Unassigned Sporadic
 1608 Unassigned Stable
 1609
 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
 1624 Unassigned Stable
 1625 Unassigned Stable
 1645 Unassigned Stable
 1653
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__Rickettsiaceae;D_5__Rick
 ettsia Stable
 1676 Unassigned Stable
 1677 Unassigned Stable
 1686 Unassigned Sporadic
 1727 Unassigned Stable
 1733 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales Stable
 1734 Unassigned Stable
 1772
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae

Stable
1775 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Order Incertae Sedis;D_4__Family Incertae Sedis;D_5__Marinicella;D_6__uncultured gamma proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
1776 Unassigned Stable
1810
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
1815 Unassigned Stable
1820 Unassigned Stable
1824 Unassigned Stable
1831
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Flavobacterium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
1834 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae
Stable
1838
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Coxiella
Stable
1860
D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Chitinophagaceae;D_5__uncultured
Stable
1866
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
1869 Unassigned Stable
1870
D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Bacillaceae;D_5__Bacillus;D_6__uncultured Bacillus sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
1888 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
1891
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured
Stable
1896 Unassigned Stable
1901 Unassigned Sporadic
1907 Unassigned Stable
1908 Unassigned Sporadic
1942 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria Stable
1945 Unassigned Stable
1947
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Coxiella
Stable
1958
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
1961 Unassigned Stable
1983
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__Nitrosococcus;D_6__unidentified bacterium
wb1_P19;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
1985
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
2014 Unassigned Stable

2017 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__GR-WP33-30 Stable

2019 Unassigned Stable

2047

D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Nitrospinaceae;D_5__
 Candidatus Entothoonella;D_6__uncultured
 bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

2054

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable

2058

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

2070 Unassigned Stable

2091 Unassigned Stable

2116 Unassigned Stable

2125

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

2126

D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Win
 ogradskyella;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

2133 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

2144

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

2158

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

2169

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

2173

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

2179 Unassigned Stable

2183 Unassigned Sporadic

2193 Unassigned Stable

2205 Unassigned Stable

2214

D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Nannocystaceae;D_5__u
 ncultured;D_6__uncultured delta
 proteobacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

2215 Unassigned Sporadic

2216 Unassigned Stable

2219

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__
 Sporadic

2221 Unassigned Stable

2245
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__Thioalkalicoccus Stable

2252 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

2262 Unassigned Stable

2283 Unassigned Stable

2302
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

2303 Unassigned Stable

2329 Unassigned Stable

2347 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Sporadic

2355
D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micrococcales;D_4__Micrococcaceae;D_5__Rothia;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

2383 Unassigned Stable

2385 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Sporadic

2386 Unassigned Stable

2389 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria Stable

2392 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

2400
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium Sporadic

2413
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Pelagibius Stable

2417 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__DB1-14 Stable

2436
D_0__Bacteria;D_1__Bacteroidetes;D_2__Bacteroidia;D_3__Bacteroidales;D_4__Marinilabiaceae;D_5__Marinifilum Stable

2449 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

2450
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;D_5__Marinomonas Stable

2451 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales Stable

2475
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae;D_5__Erythrobacter Stable

2501 Unassigned Stable

2513 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

2523
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

2527
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya Stable

2537 Unassigned Stable

2546 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

2589 Unassigned Stable

2594 Unassigned Stable

2611 Unassigned Sporadic

2620
D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Chitinophagaceae;D_5__

_uncultured;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
 2651 Unassigned Stable
 2656 Unassigned Stable
 2660 Unassigned Stable
 2677 Unassigned Stable
 2695 Unassigned Stable
 2703
 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
 2704
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 2709 Unassigned Stable
 2711 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Sporadic
 2752
 D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__Spirocha
 eta Stable
 2770
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Phormidium
 Stable
 2772 Unassigned Stable
 2781 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria Stable
 2791 Unassigned Stable
 2797 Unassigned Sporadic
 2807 Unassigned Stable
 2824
 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
 2829
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5
 __Variovorax;D_6__uncultured beta
 proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 2856 Unassigned Stable
 2866
 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__
 Sporadic
 2868
 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
 2877 Unassigned Stable
 2900
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
 obium Stable
 2901 Unassigned Stable
 2906
 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
 2930 Unassigned Stable
 2932
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae
 Stable
 2943 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

2944
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__Acinetobacter;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

2949 Unassigned Sporadic

2953
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Sporadic

2956 Unassigned Stable

2957 Unassigned Stable

2960 Unassigned Stable

2965 Unassigned Stable

2990 Unassigned Stable

2994 Unassigned Stable

3003 Unassigned Sporadic

3024 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

3037
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobacteraceae;
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

3041 Unassigned Stable

3050
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

3070 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__uncultured
Stable

3075
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Nitrospinaceae;D_5__
Candidatus Entotheonella;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

3077 Unassigned Stable

3091 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

3126
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

3149 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

3151 Unassigned Stable

3176 Unassigned Stable

3182
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
D_5__Haliea;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

3189
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

3193 Unassigned Stable

3208 Unassigned Stable

3209 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

3214 Unassigned Stable
3221
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
3226 Unassigned Stable
3232 Unassigned Stable
3234
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Coxiella
Stable
3241
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Thiotrichales;D_4__Thiotrichaceae;D_5__uncultured;
D_6__uncultured bacterium;D_7__;
D_8__;
D_9__;
D_10__;
D_11__;
D_12__;
D_13__;
D_14__;
D_15__;
D_16__ Stable
3246
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
3251 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
3258 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
3271
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Alcanivoracaceae;D_5__Alcanivorax
Stable
3283 Unassigned Stable
3288 D_0__Bacteria;D_1__Acidobacteria;D_2__Acidobacteria;D_3__Subgroup 4;D_4__Unknown Family;D_5__Blastocatella;D_6__uncultured
Acidobacteria bacterium;D_7__;
D_8__;
D_9__;
D_10__;
D_11__;
D_12__;
D_13__;
D_14__;
D_15__;
D_16__ Stable
3291
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
3298 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
3302 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__uncultured;D_4__uncultured bacterium;D_5__;
D_6__;
D_7__;
D_8__;
D_9__;
D_10__;
D_11__;
D_12__;
D_13__;
D_14__;
D_15__;
D_16__ Stable
3311 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured alpha proteobacterium;
D_5__;
D_6__;
D_7__;
D_8__;
D_9__;
D_10__;
D_11__;
D_12__;
D_13__;
D_14__;
D_15__;
D_16__ Stable
3320 Unassigned Stable
3324 Unassigned Stable
3349 D_0__Bacteria Stable
3364 Unassigned Stable
3366 D_0__Bacteria;D_1__Proteobacteria Stable
3374
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
3395 Unassigned Stable
3400 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__ Sporadic
3402 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
3416 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
3424
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae Sporadic
3426
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__uncultured;D_5__uncult

ured bacterium;D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 3438 Unassigned Stable
 3449
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfovibrionales;D_4__Desulfovibrionaceae
 ;D_5__uncultured;D_6__uncultured
 bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 3454 Unassigned Stable
 3465 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__NKB5 Stable
 3484
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5
 __Thalassospira;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
 3488 Unassigned Stable
 3490
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D
 _5__uncultured Stable
 3494 Unassigned Stable
 3502 Unassigned Stable
 3526 Unassigned Stable
 3533
 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
 3542
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
 _5__uncultured Stable
 3550 Unassigned Stable
 3579 Unassigned Stable
 3607 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured
 Mesorhizobium sp.;D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__
 Stable
 3692 Unassigned Stable
 3708 Unassigned Stable
 3767
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 3775 Unassigned Stable
 3778 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 3812 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae
 Stable
 3822 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 3828
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Granulosicoccaceae;D
 _5__Granulosicoccus;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
 3839
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
 Stable
 3841 Unassigned Stable
 3842 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 3857
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
 ae;D_5__Pseudomonas;D_6__Pseudomonas
 aeruginosa;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Sporadic
 3862 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured Stable
 3893
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae

Stable
3910 Unassigned Stable
3911 Unassigned Sporadic
3926
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
obium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
3927
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
3928 Unassigned Stable
3929 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Clostridiaceae 4;D_5__Clostridium
sensu stricto Stable
3935 Unassigned Stable
3954 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Order Incertae Sedis;D_4__Family
Incertae Sedis;D_5__Marinicella Sporadic
3968 Unassigned Sporadic
3984 Unassigned Stable
3988
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
3996 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007
Stable
3997 Unassigned Stable
4010 Unassigned Stable
4021
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Rubritaleaceae;D_5__
Rubritalea;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
4024 Unassigned Stable
4027
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__
Psychrobacter;D_6__uncultured Psychrobacter
sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
4053 Unassigned Stable
4065
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__
uncultured Stable
4068
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
4076 Unassigned Stable
4077
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Ten
acibaculum;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
4078 Unassigned Sporadic
4081
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;
D_5__Marinomonas Sporadic
4090
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibri
o Sporadic
4092
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__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__ Sporadic

4116 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Family
XI;D_5__Tissierella;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

4125 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Sandaracinaceae
Stable

4149
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Aeromonadales;D_4__Aeromonadaceae;D_5__
Aeromonas Stable

4151
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__
Labrenzia Stable

4152 Unassigned Stable

4157 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

4174 Unassigned Stable

4190
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

4200
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

4201
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Peptostreptococcaceae;D_5__uncultured
Stable

4227 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;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

4238 Unassigned Stable

4239 Unassigned Sporadic

4240
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

4255 Unassigned Stable

4266
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

4283
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

4293
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Aeromonadales;D_4__Aeromonadaceae;D_5__
Aeromonas;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

4306 Unassigned Stable

4319 Unassigned Sporadic

4321

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
Stable
4322 Unassigned Stable
4326

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
4330 Unassigned Stable
4338 Unassigned Stable
4348 Unassigned Stable
4356 Unassigned Stable
4357 D_0__Bacteria;D_1__Candidate division TM7;D_2__Unknown Class;D_3__Unknown Order;D_4__Unknown
Family;D_5__Candidatus Saccharimonas;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
4360 Unassigned Stable
4364 Unassigned Stable
4365 Unassigned Stable
4368 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007
Stable
4375 Unassigned Stable
4386 Unassigned Stable
4391 Unassigned Stable
4393

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__
Nitrosococcus;D_6__unidentified bacterium
wb1_P19;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
4420

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
4425

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Ande
rseniella Stable
4451

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
4459 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007
Stable
4462 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__
Sporadic
4464

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Ectothiorhodospiracea
e;D_5__Acidiferrobacter;D_6__uncultured Dechloromarinus
sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
4487

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
4490 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Sandaracinaceae
Stable
4501 Unassigned Stable
4502 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Carnobacteriaceae Stable
4508 Unassigned Stable
4526 Unassigned Stable
4540

D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__Spirocha

eta;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 4543 Unassigned Stable
 4544 Unassigned Stable
 4546
 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
 4562 Unassigned Stable
 4578 Unassigned Stable
 4603 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 4621 Unassigned Stable
 4634 D_0__Bacteria;D_1__Proteobacteria;D_2__BJGMM-U27;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
 4637 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 4647
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Cox
 iella Stable
 4651 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae
 Stable
 4662 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 4678 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
 4679
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Thiotrichales;D_4__Piscirickettsiaceae;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
 4681
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__
 uncultured Stable
 4701 Unassigned Stable
 4704
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Arthrospira
 Stable
 4712
 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
 4721
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
 Defluviicoccus;D_6__uncultured Phyllobacteriaceae
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 4728 Unassigned Stable
 4739
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 4743 Unassigned Stable
 4750
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Haliangiaceae;D_5__Hali
 angium;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 4754
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__Xanthomonadace
 ae;D_5__Dokdonella;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

4756 Unassigned Stable
4758
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

4760 Unassigned Stable
4767
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Hoeflea Stable
4786
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable
4788 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__uncultured Stable
4796
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

4804 Unassigned Stable
4805 Unassigned Stable
4807 Unassigned Stable
4810 Unassigned Stable
4814 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Sporadic
4817 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Family XII;D_5__Fusibacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

4821 Unassigned Stable
4834 Unassigned Stable
4836 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae Stable
4853
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
4863 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__uncultured Stable
4875 Unassigned Stable
4880
D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Chitinophagaceae;D_5__uncultured;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

4891
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

4912 Unassigned Stable
4919 Unassigned Stable
4924
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae;D_5__Hellea;D_6__uncultured alpha proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

4937 Unassigned Stable
4944
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

4945 Unassigned Stable
4947 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Sporadic
4965 Unassigned Stable
4997 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
 5000 Unassigned Stable
 5011 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 5021
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfarculales;D_4__Desulfarculaceae;D_5__
 Desulfarculus;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 5072 D_0__Bacteria;D_1__Proteobacteria Stable
 5088 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 5103
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
 D_5__Spongiibacter Stable
 5121 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 5127
 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Caldicoprobacteraceae;D_5__Caldicopro
 bacter;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
 5143 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__E6aD10 Stable
 5144 Unassigned Stable
 5157 Unassigned Stable
 5159 D_0__Bacteria;D_1__Proteobacteria Stable
 5164 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 5175 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
 5177
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfarculales;D_4__Desulfarculaceae;D_5__
 Desulfarculus;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 5181 Unassigned Stable
 5209 Unassigned Stable
 5210 D_0__Bacteria;D_1__Candidate division TM7 Stable
 5223 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__BD72BR169;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
 5242 Unassigned Stable
 5246 D_0__Bacteria Stable
 5248 Unassigned Stable
 5254
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 5271 Unassigned Stable
 5275 Unassigned Sporadic
 5307 Unassigned Stable
 5328
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 5339
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
 Candidatus Riegeria Sporadic
 5340 Unassigned Stable
 5342
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
 5__Salinhabitans;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 5353 Unassigned Stable

5354
D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Sphingobacteriaceae;D_5__Sphingobacterium;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

5374 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

5379
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Cohaesibacter Stable

5388 Unassigned Stable

5389 Unassigned Stable

5392 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales Sporadic

5393
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;D_5__Marinobacter;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

5397 Unassigned Stable

5414 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Sporadic

5416
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

5423 Unassigned Stable

5428 Unassigned Stable

5457 Unassigned Stable

5466 D_0__Bacteria;D_1__Proteobacteria Stable

5500
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Tunicatimonas Sporadic

5504 Unassigned Stable

5518 Unassigned Stable

5526 Unassigned Stable

5527 Unassigned Stable

5536
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

5546
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

5554
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

5556
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

5564
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium;D_6__uncultured alpha
proteobacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

5571 Unassigned Stable

5580 Unassigned Stable

5581 Unassigned Stable

5594 Unassigned Stable

5595
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Cohaesibacter Stable

5614
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae Stable

5634 Unassigned Sporadic

5653 Unassigned Stable

5658 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__GR-WP33-30 Stable

5662
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D_5__uncultured Stable

5663 D_0__Bacteria Stable

5668 Unassigned Stable

5669 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales Stable

5671 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria Stable

5684 Unassigned Stable

5691 Unassigned Stable

5692 Unassigned Stable

5700 Unassigned Sporadic

5726 Unassigned Stable

5734 Unassigned Stable

5749
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured Stable

5756 D_0__Bacteria;D_1__Candidate division BRC1;D_2__uncultured bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic

5759 Unassigned Stable

5771 Unassigned Sporadic

5779 Unassigned Stable

5788 D_0__Bacteria;D_1__Proteobacteria Sporadic

5792
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

5793 Unassigned Stable

5796 Unassigned Stable

5819 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

5830 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria Stable

5835
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae Stable

5847 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured Candidatus Saccharibacteria sp.;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

5853
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__Nitrosococcus;D_6__unidentified bacterium
wb1_P19;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

5859 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

5887
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae Stable

5895 Unassigned Stable

5912 Unassigned Stable

5914
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Muricauda Sporadic

5928 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine benthic group;D_5__uncultured bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

5935 Unassigned Stable

5944 Unassigned Stable

5965 Unassigned Stable

5977 Unassigned Stable

5996
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Sporadic

5998
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable

6003 Unassigned Stable

6019 Unassigned Stable

6051 Unassigned Sporadic

6092 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable

6101 Unassigned Stable

6111 Unassigned Stable

6114 Unassigned Stable

6115 Unassigned Stable

6134 Unassigned Stable

6138 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

6149 Unassigned Stable

6151 Unassigned Stable

6166 Unassigned Stable

6177 Unassigned Stable

6180
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__RoseovariusStable

6185 Unassigned Stable

6189 Unassigned Stable

6193
D_0__Bacteria;D_1__Chloroflexi;D_2__Anaerolineae;D_3__Anaerolineales;D_4__Anaerolineaceae;D_5__uncultured ;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

6204 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Gammaproteobacteria Incertae Sedis;D_4__Unknown Family;D_5__Arenicella Stable

6215 D_0__Bacteria;D_1__Candidate division TM7 Sporadic

6217 Unassigned Stable

6220
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__Psychrobacter;D_6__uncultured Psychrobacter sp.;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

6226
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

6233 Unassigned Stable

6234
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriaceae Stable

6270 Unassigned Stable

6278 Unassigned Stable
6279 Unassigned Stable
6294
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
6302 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
6317 Unassigned Stable
6319 Unassigned Stable
6327 Unassigned Sporadic
6329 D_0__Bacteria;D_1__Proteobacteria Sporadic
6332 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Sporadic
6339 Unassigned Stable
6347
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae;D_5__Erythrobacter;D_6__uncultured Novosphingobium sp.;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
6349 Unassigned Stable
6350
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__Acinetobacter;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
6361 Unassigned Stable
6367 Unassigned Stable
6373 Unassigned Stable
6383 D_0__Bacteria;D_1__Gemmatimonadetes;D_2__Gemmatimonadetes;D_3__BD2-11 terrestrial group;D_4__uncultured bacterium;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
6387 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable
6406 Unassigned Stable
6409 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Order II;D_4__Rhodothermaceae;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
6415 Unassigned Stable
6424 Unassigned Stable
6430 Unassigned Stable
6432 Unassigned Sporadic
6441
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
6442
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
6454 Unassigned Stable
6468 Unassigned Stable
6476
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;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
6490 Unassigned Stable
6496
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
6542 Unassigned Stable
6551
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae

Stable
 6553 Unassigned Stable
 6581 Unassigned Stable
 6584 Unassigned Stable
 6585 Unassigned Stable
 6605 Unassigned Stable
 6638 Unassigned Sporadic
 6641
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Flagellimonas Stable
 6701
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
 6710
 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007;D_5__uncultured Verrucomicrobia bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 6740 Unassigned Stable
 6750 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Nannocystaceae Stable
 6752 Unassigned Stable
 6753 Unassigned Stable
 6755 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured Stable
 6758 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
 6767
 D_0__Bacteria;D_1__Gemmatimonadetes;D_2__Gemmatimonadetes;D_3__Gemmatimonadales;D_4__Gemmatimonadaceae;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
 6778 Unassigned Stable
 6780 Unassigned Stable
 6782
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 6785 Unassigned Stable
 6798 Unassigned Stable
 6801 Unassigned Stable
 6822 Unassigned Sporadic
 6830 Unassigned Stable
 6859
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Labrenzia Stable
 6864 Unassigned Stable
 6872 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade Stable
 6878 D_0__Bacteria;D_1__BD1-5 Stable
 6888
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__Cyanobacterium Stable
 6889
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;D_5__Marinomonas Stable
 6897 Unassigned Sporadic
 6901 D_0__Bacteria;D_1__Proteobacteria Stable
 6903
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae

Stable
6905
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Muricauda Stable

6906 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Frankiales;D_4__Sporichthyaceae
Stable

6934
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Neisseriales;D_4__Neisseriaceae;D_5__uncultured Stable

6944 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable

6956 Unassigned Stable

6963 Unassigned Stable

7062 D_0__Bacteria;D_1__Chloroflexi;D_2__Ardenticatenia;D_3__uncultured;D_4__uncultured bacterium;D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Sporadic

7075 Unassigned Stable

7078 Unassigned Stable

7079 Unassigned Stable

7090
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;D_5__Desulforhopalus Stable

7116 Unassigned Stable

7144 Unassigned Stable

7162 Unassigned Stable

7170
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Legionellaceae;D_5__Legionella;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

7172
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

7177
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Legionellaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

7183 Unassigned Stable

7195
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

7196
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Flavobacterium;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

7212 Unassigned Stable

7220
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya
Stable

7221
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae;D_5__Altererythrobacter;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

7223 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

7235 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

7240
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Ruminococcaceae;D_5__Anaerotruncus;

D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
7241
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Pseudoalteromona
daceae;D_5__Pseudoalteromonas;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
7246
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D
_5__Peredibacter;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
7252 Unassigned Stable
7264 Unassigned Sporadic
7276 Unassigned Stable
7278 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Methylococcales;D_4__Marine
Methylotrophic 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
7283 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
7284 Unassigned Stable
7299 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007
Stable
7305 Unassigned Stable
7321 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Sporadic
7323 Unassigned Stable
7335 Unassigned Stable
7337
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
7341 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
7344 Unassigned Stable
7355 Unassigned Sporadic
7362
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Haliangiaceae;D_5__Hali
angium;D_6__uncultured
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
7364 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
7378 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Oxalobacteraceae
Sporadic
7383 Unassigned Stable
7403 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured Candidatus Saccharibacteria
sp.;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
7404 Unassigned Stable
7408
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
7462
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__uncultured Stable
7464
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Opitutae;D_3__Puniceococcales;D_4__Puniceococcaceae;D_5__Cerasic
occus;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
7466 Unassigned Stable
7484 Unassigned Stable
7494

D_0__Bacteria;D_1__Acidobacteria;D_2__Holophagae;D_3__Acanthopleuribacterales;D_4__Acanthopleuribacteraceae;D_5__Acanthopleuribacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
7528

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Pseudovibrio Stable
7548 Unassigned Stable

7556 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29 Sporadic

7578 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

7583 Unassigned Stable

7591 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

7611 Unassigned Stable

7636 D_0__Bacteria Stable

7659 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae Stable
7660

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriaceae Sporadic

7665 Unassigned Stable

7684 Unassigned Stable

7687

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

7690 Unassigned Stable

7718

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

7721 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

7727 Unassigned Stable

7737 Unassigned Stable

7749 D_0__Bacteria;D_1__Proteobacteria Stable

7761 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__uncultured;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

7765 Unassigned Stable

7767 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__0319-6G20 Stable

7771 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Run-SP154;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

7801 Unassigned Stable

7806 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable

7808 Unassigned Stable

7813 D_0__Bacteria;D_1__Acidobacteria;D_2__Subgroup 22;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__ Sporadic
7820

D_0__Bacteria;D_1__Acidobacteria;D_2__Holophagae;D_3__Acanthopleuribacterales;D_4__Acanthopleuribacteraceae;D_5__Acanthopleuribacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
7826

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
7828

D_0__Bacteria;D_1__Planctomycetes;D_2__Phycisphaerae;D_3__Phycisphaerales;D_4__Phycisphaeraceae;D_5__Phycisphaera;D_6__uncultured Planctomycetales

bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

7842 Unassigned Stable

7849 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

7853 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;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

7864 Unassigned Stable

7873 Unassigned Stable

7881 Unassigned Stable

7890 Unassigned Stable

7896 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

7914 Unassigned Stable

7945 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured Stable

7955 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

7957 Unassigned Stable

7975 Unassigned Stable

7982 D_0__Bacteria;D_1__Gemmatimonadetes;D_2__Gemmatimonadetes;D_3__BD2-11 terrestrial group;D_4__uncultured bacterium;D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

7993 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium Stable

7996 Unassigned Stable

8008 Unassigned Sporadic

8019 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae Stable

8024 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales Stable

8026 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

8032 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhizobiales Incertae Sedis;D_5__Bauldia Stable

8068 Unassigned Stable

8070 Unassigned Stable

8075 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria Sporadic

8081 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

8084 Unassigned Stable

8086 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae Stable

8091 Unassigned Stable

8116 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Syntrophobacterales;D_4__Syntrophaceae;D_5__Desulfomonile;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Sporadic

8129 Unassigned Stable

8143 Unassigned Stable

8176 Unassigned Stable

8192 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

8211 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Order
II;D_4__Rhodothermaceae;D_5__uncultured Stable

8216
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya
Stable

8218
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

8233
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Methylobacteriaceae;D_5__
Methylobacterium Stable

8237
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Peptostreptococcaceae;D_5__Incertae
Sedis Sporadic

8239 Unassigned Stable

8247 Unassigned Stable

8250 Unassigned Stable

8253 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae
Stable

8277 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfuromonadales;D_4__GR-WP33-
58 Stable

8303 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae
Stable

8313 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

8336 Unassigned Stable

8347 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

8353
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Cox
iella Stable

8372 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable

8375 Unassigned Stable

8383 Unassigned Stable

8384
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
ae;D_5__Pseudomonas Stable

8393
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
Ahrensia Stable

8407
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

8446 Unassigned Sporadic

8451 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

8452 Unassigned Stable

8454 Unassigned Stable

8457
D_0__Bacteria;D_1__Fusobacteria;D_2__Fusobacteriia;D_3__Fusobacteriales;D_4__Fusobacteriaceae;D_5__Cetob
acterium;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

8460 D_0__Bacteria;D_1__Chloroflexi;D_2__KD4-96;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__
 Sporadic
 8464 Unassigned Stable
 8490
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfurellales;D_4__Desulfurellaceae;D_5__
 Hippea;D_6__Hippea maritima DSM
 10411;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 8510
 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
 8511
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
 Mesorhizobium;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 8514 Unassigned Stable
 8518
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
 _5__Ruegeria Stable
 8522 Unassigned Stable
 8546 Unassigned Stable
 8566 Unassigned Stable
 8570 Unassigned Sporadic
 8576 Unassigned Stable
 8595
 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
 8598
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Phot
 obacterium;D_6__uncultured gamma
 proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 8602 Unassigned Stable
 8613 Unassigned Stable
 8619 Unassigned Stable
 8623 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 8641
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__u
 ncultured Stable
 8656 Unassigned Stable
 8674 Unassigned Sporadic
 8682 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae
 Stable
 8686 Unassigned Stable
 8696 Unassigned Stable
 8705
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 8713 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 8727 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__MD2904-B13;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
 8733 Unassigned Stable
 8738
 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
 8748

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

8750 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured
Mesorhizobium sp.;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable

8759
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

8760 Unassigned Sporadic

8762 Unassigned Stable

8769 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

8771 D_0__Bacteria;D_1__Proteobacteria Stable

8783 Unassigned Stable

8818 Unassigned Stable

8832
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

8840 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae
Stable

8849 Unassigned Stable

8866 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

8869
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

8871 D_0__Bacteria;D_1__Proteobacteria;D_2__TA18 Stable

8878
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

8879 Unassigned Stable

8892
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

8900 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

8910 Unassigned Stable

8912 Unassigned Stable

8928 Unassigned Stable

8941
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

8970 Unassigned Stable

8992 Unassigned Stable

8996 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

9003 Unassigned Stable

9011 D_0__Bacteria;D_1__Candidate division WS6;D_2__uncultured
bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable

9025 Unassigned Stable

9053 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

9070 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

9071 Unassigned Stable

9073 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae
Stable

9083 Unassigned Stable

9095 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__ Sporadic

9096 Unassigned Sporadic

9114
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
Stable

9128 Unassigned Stable

9143
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

9166 Unassigned Stable

9168 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__0319-6G20
Stable

9192 Unassigned Stable

9203 Unassigned Stable

9211 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

9224 Unassigned Stable

9233
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5
__Acidovorax;D_6__uncultured
bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

9273 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured soil
bacterium;D_3__D_4__D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

9282 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

9298 Unassigned Stable

9313
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

9317
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

9320
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Phormidium
Stable

9342 Unassigned Stable

9347 Unassigned Stable

9348
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae
e;D_5__Erythrobacter Stable

9352 Unassigned Stable

9397 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

9424 Unassigned Stable

9453 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

9460 Unassigned Stable

9461
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
9469 Unassigned Stable
9480 Unassigned Stable
9499 Unassigned Stable
9503 Unassigned Stable
9508 Unassigned Stable
9511 Unassigned Stable
9521
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae;D_5__uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
9537 D_0__Bacteria;D_1__Proteobacteria Stable
9548 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;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
9565
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable
9566 D_0__Bacteria;D_1__NPL-UPA2;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
9577 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
9581 Unassigned Stable
9583 Unassigned Stable
9590 Unassigned Stable
9591 Unassigned Stable
9599 D_0__Bacteria;D_1__Candidate division OP9;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
9606
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007;D_5__uncultured Verrucomicrobia
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
9624 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
9626 Unassigned Stable
9643 Unassigned Stable
9662 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria Stable
9699
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
9712
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__
Sporadic
9716
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibrio
o Stable
9720
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
9721
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Leeuwenhoekiella Stable
9722 Unassigned Stable
9724 Unassigned Stable
9727 Unassigned Stable

9734 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIV Stable
9765 D_0__Bacteria;D_1__Chlorobi;D_2__Chlorobia;D_3__Chlorobiales;D_4__Chlorobiaceae Stable
9779
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Paracoccus Stable
9780
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Muricauda Stable
9782
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
9785
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium;D_6__uncultured alpha proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
9806 Unassigned Stable
9818 Unassigned Stable
9827
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Phaeobacter Stable
9835
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium Stable
9836 Unassigned Stable
9866
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
9903 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Lachnospiraceae Stable
9904 Unassigned Stable
9905 Unassigned Stable
9921 Unassigned Stable
9923 Unassigned Stable
9950
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
9955 Unassigned Stable
9957 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__ Sporadic
9984 Unassigned Stable
9988
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriaceae Stable
9999 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Oxalobacteraceae Sporadic
10001 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales Stable
10003 Unassigned Stable
10015
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium;D_6__uncultured alpha proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
10020 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
10038
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007;D_5__uncu

Itured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 10041
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae
 Stable
 10050
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
 _5__Loktanella Stable
 10059 Unassigned Stable
 10061 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29 Stable
 10067 Unassigned Stable
 10070 Unassigned Stable
 10089
 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
 10113 Unassigned Stable
 10128
 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
 10146
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__
 Filomicrobium Stable
 10149 Unassigned Stable
 10156
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae
 Sporadic
 10163
 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
 10166
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__
 uncultured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 10172 Unassigned Stable
 10187 Unassigned Stable
 10207
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
 _5__Actibacterium Stable
 10211 Unassigned Stable
 10218
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Ekhidna
 Stable
 10222 Unassigned Stable
 10228 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured
 organism;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_1
 6__ Stable
 10236 Unassigned Stable
 10262
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
 Stable
 10275 Unassigned Sporadic
 10278
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 10279 Unassigned Stable

10290 Unassigned Stable
10297 Unassigned Stable
10303 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable
10308 Unassigned Stable
10318
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae
Sporadic
10322 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
10336 Unassigned Stable
10342 Unassigned Stable
10348
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
10364
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
obium Stable
10412
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
10417
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
Defluviicoccus;D_6__uncultured alpha
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
10420 Unassigned Sporadic
10426 Unassigned Stable
10427 Unassigned Stable
10429
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Tunicati
monas Stable
10430 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
10441 Unassigned Stable
10459 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
10460
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
Stable
10468
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
uncultured;D_6__uncultured Azospirillum
sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
10471 Unassigned Stable
10480 Unassigned Stable
10492
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
Nitratireductor Sporadic
10508
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__
Pseudovibrio Stable
10509 Unassigned Stable
10512 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Clostridiaceae 1 Sporadic
10513 Unassigned Sporadic
10520 Unassigned Stable

10546 Unassigned Stable
10567
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
10572 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
10576 Unassigned Sporadic
10577
D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Carnobacteriaceae;D_5__Granulicatella;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
10595 Unassigned Stable
10596 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
10599 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
10612 Unassigned Stable
10614 Unassigned Stable
10639 Unassigned Stable
10646 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
10649
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Andersenella Stable
10658 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
10660 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
10673 Unassigned Stable
10680
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae Stable
10687
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D_5__Peredibacter;D_6__uncultured delta proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
10707
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyI;D_5__Xenococcus;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
10747 Unassigned Stable
10749 Unassigned Stable
10753 Unassigned Stable
10762 Unassigned Stable
10770 Unassigned Stable
10798
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
10806
D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Alicyclobacillaceae;D_5__Tumebacillus;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
10813
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Chr

yseobacterium Sporadic
 10814 Unassigned Stable
 10817
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae
 Sporadic
 10826 Unassigned Stable
 10829
 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
 10840
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Ruegeria
 Stable
 10849 Unassigned Stable
 10860 Unassigned Stable
 10869 Unassigned Stable
 10877 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Sporadic
 10889 Unassigned Stable
 10913 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales Stable
 10925
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;
 D_5__Marinobacterium;D_6__bacterium endosymbiont of Osedax
 mucofloris;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 10927
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Ferrimonadaceae;
 D_5__Ferrimonas Stable
 10940 Unassigned Stable
 10946 Unassigned Stable
 10960 Unassigned Stable
 10969 Unassigned Stable
 10970 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micrococcales Stable
 10971 Unassigned Sporadic
 10972 Unassigned Stable
 10979 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
 10983 Unassigned Stable
 10988 Unassigned Stable
 10991
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
 D_5__uncultured;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
 10994 Unassigned Stable
 11018 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 11023
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Legionellaceae;D_5__uncultured;
 D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 11031 Unassigned Sporadic
 11037 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
 11054 Unassigned Stable
 11061
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__Ilumatobacter;
 D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic

11065
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya
Stable

11082 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

11089 Unassigned Stable

11125 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

11129
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

11130 Unassigned Stable

11163 Unassigned Stable

11170 Unassigned Sporadic

11179 Unassigned Stable

11192 Unassigned Stable

11193
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibri
o Stable

11205 Unassigned Stable

11215
D_0__Bacteria;D_1__Fusobacteria;D_2__Fusobacteriia;D_3__Fusobacteriales;D_4__boneC3G7;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic

11248
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

11249
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Sphingomonadace
ae;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

11254 Unassigned Stable

11262 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__DB1-14;D_4__uncultured
bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

11265 Unassigned Stable

11275 Unassigned Stable

11279
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteracea
e;D_5__Erythrobacter Stable

11312 Unassigned Stable

11323 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

11340 Unassigned Sporadic

11352
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic

11359 Unassigned Sporadic

11373 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Opitutae;D_3__vadinHA64 Stable

11376
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Oscillatoria
Stable

11377
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
uncultured Stable

11383
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Ectothiorhodospiracea
e;D_5__Acidiferrobacter;D_6__uncultured

bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 11390 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured
 Stable
 11400
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine
 benthic group;D_5__uncultured
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 11404 Unassigned Stable
 11410
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Lyngbya;D_6__
 uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 11415 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
 11425 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Sva0071;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 11438 Unassigned Stable
 11449 D_0__Bacteria;D_1__Proteobacteria Stable
 11457 Unassigned Stable
 11473 Unassigned Stable
 11478 Unassigned Stable
 11491
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D_5__uncultured Stable
 11494
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteracea
 e;D_5__Erythrobacter;D_6__unidentified;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;
 D_16__ Stable
 11526 Unassigned Stable
 11544 Unassigned Stable
 11547 Unassigned Stable
 11555 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__OM1 clade
 Stable
 11559 D_0__Bacteria;D_1__Proteobacteria Stable
 11565 Unassigned Stable
 11576 Unassigned Stable
 11585 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__DB1-14;D_4__uncultured marine
 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
 11586 Unassigned Stable
 11591 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__0319-6G20
 Stable
 11606 Unassigned Stable
 11630 Unassigned Stable
 11645 Unassigned Sporadic
 11654 Unassigned Sporadic
 11671 Unassigned Stable
 11686
 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
 11687
 D_0__Bacteria;D_1__Firmicutes;D_2__Negativicutes;D_3__Selenomonadales;D_4__Acidaminococcaceae;D_5__Pha
 scolarctobacterium;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 11695
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae
 Stable

11697 Unassigned Stable
 11702 Unassigned Stable
 11730
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Sporadic
 11735
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__Cyanobacterium;
 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
 11736 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
 11743 Unassigned Stable
 11749 Unassigned Stable
 11752 Unassigned Sporadic
 11753 Unassigned Stable
 11770
 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
 11782
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae
 Stable
 11785
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bdellovibrionaceae;D
 _5__OM27 clade Stable
 11787 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales Stable
 11802 Unassigned Stable
 11809 Unassigned Stable
 11811 Unassigned Stable
 11816
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibri
 o Stable
 11826
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae
 Stable
 11838 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 11848 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
 11851 Unassigned Stable
 11854
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
 obium Stable
 11855
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Chitinophagaceae;D_5__
 _Sediminibacterium;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
 11858 D_0__Bacteria;D_1__Proteobacteria Stable
 11864
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5__
 _Pseudorhodoferrax Stable
 11865
 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
 11878 D_0__Bacteria;D_1__Proteobacteria Sporadic
 11879 Unassigned Stable

11880
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas Stable

11900
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Verrucomicrobiaceae;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

11925 Unassigned Stable
11931 Unassigned Stable
11936 Unassigned Stable
11955 Unassigned Sporadic
11958 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
11972 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__ Sporadic
11973 Unassigned Stable

11974
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Pseudoalteromonadaceae;D_5__Pseudoalteromonas;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

11983 Unassigned Stable
11984 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

11986
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable

11990 Unassigned Stable
11994 Unassigned Stable
12032 Unassigned Stable
12043 Unassigned Stable
12063 Unassigned Stable
12107 Unassigned Stable
12137 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
12139 Unassigned Stable

12141
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriaceae Stable

12149 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae Stable

12168
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__Acinetobacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

12206 Unassigned Stable

12209
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

12213 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Sporadic
12219 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
12220 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
12221 Unassigned Stable
12222 Unassigned Stable
12225 Unassigned Stable

12229
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

12241
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__uncultured;D_5__uncult

ured 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

12254 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__uncultured
Stable

12258
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

12271 Unassigned Stable

12273 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

12275 Unassigned Stable

12284 Unassigned Stable

12286
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

12287 Unassigned Stable

12289
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

12295
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__
Nitrosococcus;D_6__uncultured
bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

12298 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfuromonadales;D_4__GR-
WP33-58 Stable

12311 D_0__Bacteria;D_1__Chlorobi;D_2__Chlorobia;D_3__Chlorobiales;D_4__OPB56;D_5__uncultured
bacterium;D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Sporadic

12315 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

12328 Unassigned Stable

12329 Unassigned Stable

12331 Unassigned Stable

12332 Unassigned Stable

12337 Unassigned Stable

12352 Unassigned Stable

12356 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

12358 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

12377
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

12394 Unassigned Stable

12397
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
Defluviicoccus Stable

12410 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

12413
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae
Sporadic

12414 Unassigned Stable

12427
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

12430 Unassigned Stable

12462
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Maritimibacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

12476 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__0319-6G20 Sporadic

12492 Unassigned Stable
12494 Unassigned Stable
12501 Unassigned Stable
12515 Unassigned Stable
12525 Unassigned Stable
12529

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Thiotrichales;D_4__Piscirickettsiaceae;D_5__endosymbionts;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

12536 Unassigned Stable
12583 Unassigned Stable
12588 Unassigned Stable
12609 Unassigned Stable
12643 Unassigned Stable
12651 Unassigned Stable
12654 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__uncultured Stable

12656 Unassigned Stable
12661 Unassigned Stable
12675

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium;D_6__uncultured organism;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

12684
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium Stable

12695
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Verrucomicrobiaceae Stable

12703 D_0__Bacteria;D_1__Proteobacteria Stable

12706
D_0__Bacteria;D_1__Nitrospirae;D_2__Nitrospira;D_3__Nitrospirales;D_4__Nitrospiraceae;D_5__Nitrospira Stable

12718 Unassigned Sporadic
12746 Unassigned Stable
12751

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

12758 Unassigned Stable
12769 Unassigned Stable
12773 Unassigned Stable
12790

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

12792 Unassigned Stable
12795 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales Stable
12802 Unassigned Stable
12815 Unassigned Stable
12834 Unassigned Stable
12835

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
12854 Unassigned Stable
12857

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae;D_5__Erythrobacter Stable
12863 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__SB1-18;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
12867

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
12872

D_0__Bacteria;D_1__Nitrospirae;D_2__Nitrospira;D_3__Nitrospirales;D_4__Nitrospiraceae;D_5__Nitrospira Stable
12876 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
12877 D_0__Bacteria;D_1__Bacteroidetes;D_2__Bacteroidia;D_3__Bacteroidales;D_4__Porphyromonadaceae Stable
12886 Unassigned Stable
12889 Unassigned Stable
12894 Unassigned Stable
12897 D_0__Bacteria;D_1__Candidate division WS6;D_2__uncultured bacterium;D_3__;;D_4__;;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
12901

D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured actinobacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
12908 Unassigned Stable
12919 Unassigned Stable
12934

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
12936 Unassigned Stable
12992

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
13000 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__0319-6G20 Stable
13008

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
13016 Unassigned Stable
13042

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__uncultured;D_5__uncultured bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
13076 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured bacterium;D_3__;;D_4__;;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Sporadic
13081 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__SS1-B-06-26 Stable
13082 Unassigned Stable
13083

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__ Sporadic

13093
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya
Stable

13104
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

13113
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__
uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic

13116 Unassigned Stable

13128
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__
Nitrosococcus;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

13133 D_0__Bacteria;D_1__Chloroflexi;D_2__Thermomicrobia;D_3__JG30-KF-CM45;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

13136 Unassigned Stable

13143 Unassigned Sporadic

13148 Unassigned Stable

13149
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
Sporadic

13151 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

13163 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

13165
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

13170 Unassigned Stable

13177 Unassigned Stable

13192
D_0__Bacteria;D_1__Planctomycetes;D_2__Phycisphaerae;D_3__Phycisphaerales;D_4__Phycisphaeraceae;D_5__P
hycisphaera;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

13207 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

13211
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteracea
e;D_5__Erythrobacter Stable

13224 Unassigned Stable

13230 Unassigned Stable

13251 Unassigned Stable

13252 Unassigned Stable

13266 D_0__Bacteria;D_1__Candidate division TM7 Stable

13270
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Cryomorpaceae;D_5__NS10
marine group;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

13279 Unassigned Stable

13280 Unassigned Sporadic

13287 Unassigned Stable

13292
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae

Stable
13303 Unassigned Sporadic
13309
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
13313 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
13319
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium Stable
13328
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine benthic group Stable
13346
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
13350 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
13351
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas Stable
13362 Unassigned Stable
13377 Unassigned Stable
13382 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Paenibacillaceae;D_5__Cohnella Stable
13388 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
13389
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Ruminococcaceae;D_5__Incertae Sedis;D_6__uncultured Clostridium sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
13398 Unassigned Stable
13424
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
13430
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Photobacterium Stable
13438 Unassigned Stable
13460 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
13485 Unassigned Stable
13502
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__CL5 00-29 marine group;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
13510
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfovibrionales;D_4__Desulfovibrionaceae;D_5__Desulfovibrio Stable
13512 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales Stable
13525 Unassigned Stable
13528 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
13538
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobacteraceae Stable
13546 Unassigned Stable
13553

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
13557 Unassigned Stable
13558 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__Rickettsiales Incertae Sedis;D_5__Candidatus Lariskella Stable
13560 Unassigned Stable
13575 Unassigned Sporadic
13577 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
13586
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Phaeomarinomonas;D_6__uncultured alpha proteobacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
13598 Unassigned Stable
13617
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae Stable
13632 Unassigned Stable
13633 Unassigned Stable
13641
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Pseudoalteromonadaceae;D_5__Pseudoalteromonas;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
13661
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
13664
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__Filomicrobium Stable
13675 Unassigned Stable
13727
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
13738 Unassigned Stable
13741
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae Stable
13746 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
13753 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobia;D_3__Acidimicrobiales;D_4__OM1 clade;D_5__uncultured bacterium;D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Sporadic
13755 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29 Stable
13762 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
13767 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
13775 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Beijerinckiaceae Stable
13781 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
13782
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Gramella;D_6__uncultured Gramella sp.;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

13800 Unassigned Stable
13816
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
Stable
13822 D_0__Bacteria Stable
13826 Unassigned Stable
13869 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
13879
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya
Stable
13891 D_0__Bacteria;D_1__Chlorobi;D_2__Chlorobia;D_3__Chlorobiales;D_4__OPB56;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
13892 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae
Stable
13910 Unassigned Stable
13914 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
13923 Unassigned Stable
13929
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
Stable
13930
D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales;D_4__Corynebacteriaceae;D_5__
_Corynebacterium;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
13951 Unassigned Stable
13953
D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Planococcaceae;D_5__Lysinibacillus;D_6__Lysi
nibacillus fusiformis;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
13960 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
13982 Unassigned Sporadic
13987 Unassigned Stable
13998
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae;D_5__
uncultured Stable
14007
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
14010
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Oscillatoria
Stable
14015 Unassigned Stable
14016
D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__Spirocha
eta Stable
14025 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales Stable
14034
D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__u
ncultured;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
14043 Unassigned Stable
14050 Unassigned Stable
14053 D_0__Bacteria;D_1__Chlorobi;D_2__Chlorobia;D_3__Chlorobiales;D_4__Chlorobiaceae Sporadic
14061

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 14062 Unassigned Stable
 14063

D_0__Bacteria;D_1__Proteobacteria;D_2__Epsilonproteobacteria;D_3__Campylobacterales;D_4__Campylobacteraceae;D_5__Arcobacter Sporadic
 14070 Unassigned Sporadic
 14086

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae
 Stable
 14109

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
 14114 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
 14118 Unassigned Stable
 14123

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae
 Stable
 14132 Unassigned Stable
 14142

D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae
 Stable
 14143

D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Cloacibacterium;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 14145 Unassigned Sporadic
 14160 Unassigned Stable
 14194 Unassigned Stable
 14216

D_0__Bacteria;D_1__Fibrobacteres;D_2__Fibrobacteria;D_3__Fibrobacterales;D_4__Fibrobacteraceae;D_5__Fibrobacter;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__
 Stable
 14218

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
 14219

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Halomonadaceae;D_5__Cobetia Stable
 14225 Unassigned Stable
 14228 Unassigned Stable
 14232

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium;D_6__uncultured alpha proteobacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 14235

D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae Stable
 14250 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
 14261 Unassigned Stable
 14266 Unassigned Stable
 14279 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 14317 Unassigned Stable
 14337 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__ Stable
14350 Unassigned Stable
14361 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
14363 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;D_5__Marinomonas Sporadic
14378 Unassigned Stable
14398 Unassigned Stable
14399 Unassigned Sporadic
14400 Unassigned Stable
14412 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Sporadic
14414 Unassigned Stable
14416 Unassigned Stable
14445 Unassigned Stable
14457 Unassigned Stable
14463 Unassigned Stable
14489 Unassigned Stable
14504 Unassigned Stable
14514 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Sva0996 marine group Stable
14534 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
14540 Unassigned Stable
14543 Unassigned Stable
14547 Unassigned Stable
14548 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Peptostreptococcaceae;D_5__Incertae Sedis Stable
14562 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Nitrospinaceae;D_5__Candidatus Entotheonella;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
14563 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
14564 Unassigned Stable
14572 Unassigned Stable
14587 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
14594 Unassigned Stable
14598 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Lachnospiraceae Sporadic
14611 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micrococcales Sporadic
14614 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__0319-6G20 Stable
14619 Unassigned Stable
14620 Unassigned Stable
14628 Unassigned Stable
14655 Unassigned Stable
14664 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae

Sporadic

14693 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

14695 Unassigned Stable

14707 Unassigned Stable

14714

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

14718 Unassigned Stable

14743 Unassigned Stable

14753

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

14767

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

14770

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

14779

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

14784 Unassigned Stable

14785

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

14796 Unassigned Stable

14801 Unassigned Stable

14802 Unassigned Stable

14813

D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales;D_4__Nocardiaceae;D_5__Gordonia Stable

14824 Unassigned Stable

14842 Unassigned Stable

14844

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Roseibacterium Stable

14857 Unassigned Stable

14866

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__Xanthomonadaceae;D_5__Stenotrophomonas Stable

14896 Unassigned Stable

14918 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

14939 Unassigned Stable

14949

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Thalassobius;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

14967 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae
Stable

14974

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Thalassobius;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

14976 Unassigned Stable

14979 Unassigned Stable

14980
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas Stable

14981
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

14984
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured Stable

14986 Unassigned Stable

15000 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable

15042
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Tistlia;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

15045
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae;D_5__Algimonas;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

15058 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

15063 Unassigned Stable

15077 Unassigned Stable

15082 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

15089 Unassigned Sporadic

15116
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Pseudoalteromonadaceae;D_5__Pseudoalteromonas Stable

15121 Unassigned Stable

15169 D_0__Bacteria;D_1__Proteobacteria Stable

15173
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

15188
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

15189 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales Stable

15196 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

15213
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas Stable

15220 Unassigned Stable

15225
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Muricauda Stable

15230 Unassigned Stable

15237 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Sporadic

15244
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable

15247
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae Stable

15249 Unassigned Sporadic

15252 Unassigned Stable

15262 Unassigned Stable
 15265 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
 15267 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
 15278 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
 15285
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D_5__Peredibacter Sporadic
 15289
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__Synechococcus;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
 15290
 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
 15292 Unassigned Stable
 15295 Unassigned Stable
 15323
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D_5__Peredibacter;D_6__uncultured
 bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 15326 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
 15331 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 15338 Unassigned Stable
 15341
 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Enterococcaceae;D_5__Vagococcus
 Stable
 15343
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 15353
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium;D_6__uncultured organism;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 15372 Unassigned Stable
 15385 Unassigned Stable
 15410 Unassigned Stable
 15413 Unassigned Stable
 15418 Unassigned Stable
 15424 Unassigned Stable
 15461 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 15462 Unassigned Stable
 15488 Unassigned Stable
 15516 Unassigned Stable
 15518 Unassigned Sporadic
 15527 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Sva0071;D_4__uncultured
 bacterium;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 15536
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Tistlia;D_6__uncultured

bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
15543

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Aeromonadales;D_4__Aeromonadaceae;D_5__Aeromonas Stable
15549

D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Planococcaceae;D_5__Lysinibacillus;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
15595 Unassigned Stable
15610 Unassigned Stable
15611

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Methylobacteriaceae;D_5__Methylobacterium Stable
15614 Unassigned Stable
15616

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
15624

D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Enterococcaceae;D_5__Vagococcus Stable
15630 Unassigned Stable
15663 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales Stable
15667 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Sva0071;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
15674 Unassigned Stable
15699 Unassigned Stable
15708 Unassigned Stable
15709 Unassigned Stable
15721

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
15723 Unassigned Stable
15746 Unassigned Stable
15747

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
15760 Unassigned Stable
15764 Unassigned Stable
15767

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Paracoccus Stable
15789 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
15795

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
15816 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
15818

D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Verrucomicrobiaceae;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
15820 Unassigned Stable
15834 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__MSB-4B10

Stable
15847 Unassigned Stable
15853 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__ Sporadic
15857
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Labrenzia Stable
15859
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
15883
D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae Stable
15886
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae Stable
15898
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__Cyanobacterium;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
15899 Unassigned Stable
15901 Unassigned Stable
15903 Unassigned Stable
15928 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
15934 Unassigned Stable
15946 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
15965 Unassigned Stable
15969 Unassigned Stable
15971 Unassigned Stable
15978 Unassigned Stable
15979 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__GoM-GC232-4463-Bac1;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
15987 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Sporadic
16016
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae Stable
16019 D_0__Bacteria;D_1__Bacteroidetes Stable
16020 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
16022 Unassigned Stable
16024 D_0__Bacteria;D_1__Proteobacteria Stable
16036
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
16042 Unassigned Stable
16061
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium Stable
16063 Unassigned Sporadic
16065 Unassigned Stable
16081
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
16082 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__SB1-18;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
16095
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
__Tistlia;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
16108 Unassigned Stable
16121 Unassigned Stable
16125
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
16140 Unassigned Stable
16160
D_0__Bacteria;D_1__Planctomycetes;D_2__Phycisphaerae;D_3__Phycisphaerales;D_4__Phycisphaeraceae;D_5__S
M1A02;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
16176 Unassigned Stable
16189
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__
Filomicrobium Stable
16196 Unassigned Stable
16198 Unassigned Stable
16204 Unassigned Sporadic
16205 Unassigned Stable
16246 Unassigned Stable
16255 Unassigned Stable
16256 Unassigned Stable
16289
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__uncultured Stable
16304 Unassigned Stable
16307 Unassigned Stable
16312 D_0__Bacteria;D_1__Acidobacteria;D_2__Acidobacteria;D_3__Subgroup 4;D_4__Unknown
Family;D_5__Blastocatella;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
16317 Unassigned Stable
16330
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__
Filomicrobium Stable
16342 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
16347 Unassigned Stable
16356 Unassigned Stable
16359
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__uncultured;D_5__uncultur
ed bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
16369 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__MSB-4B10
Stable
16382 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales Stable
16415 Unassigned Sporadic
16434 Unassigned Stable
16437 Unassigned Stable
16453 Unassigned Stable
16466 Unassigned Stable
16480 Unassigned Stable
16485
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

16494 Unassigned Stable
 16514 Unassigned Stable
 16529 Unassigned Stable
 16547
 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Pseudonocardiales;D_4__Pseudonocardiaceae;D_5__Saccharopolyspora Stable
 16550 Unassigned Stable
 16561 Unassigned Stable
 16572 Unassigned Stable
 16581 Unassigned Stable
 16582 Unassigned Stable
 16594 Unassigned Sporadic
 16601 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria Stable
 16612 D_0__Bacteria;D_1__Candidate division WS3;D_2__uncultured bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 16621 D_0__Bacteria;D_1__BD1-5 Stable
 16636 Unassigned Stable
 16645 Unassigned Stable
 16653
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae Stable
 16658 Unassigned Stable
 16689
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Aeromonadales;D_4__Aeromonadaceae;D_5__Aeromonas;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 16695
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya Stable
 16707 Unassigned Stable
 16712 Unassigned Stable
 16717 Unassigned Stable
 16720 Unassigned Stable
 16735
 D_0__Bacteria;D_1__Chloroflexi;D_2__Anaerolineae;D_3__Anaerolineales;D_4__Anaerolineaceae;D_5__uncultured ;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 16742 Unassigned Stable
 16752 Unassigned Stable
 16759 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__E01-9C-26 marine group;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 16779 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria Stable
 16809 Unassigned Stable
 16820 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__E01-9C-26 marine group;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 16829
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Muricauda Stable
 16830
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Cloacibacterium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 16843 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae Sporadic

16856 Unassigned Stable
 16859 Unassigned Sporadic
 16870 Unassigned Stable
 16871 Unassigned Stable
 16875 Unassigned Stable
 16891 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
 16902
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Cryomorphaceae;D_5__Fluvii
 cola;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 16917 Unassigned Stable
 16920 Unassigned Stable
 16928 Unassigned Stable
 16929 Unassigned Stable
 16937 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
 16938
 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
 16944 Unassigned Stable
 16949 Unassigned Stable
 16967 Unassigned Stable
 16973 D_0__Bacteria;D_1__Proteobacteria Stable
 16977
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibri
 o Stable
 16979 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 16980 Unassigned Stable
 16988 Unassigned Stable
 16995 Unassigned Stable
 16997 Unassigned Stable
 17008 Unassigned Stable
 17028 Unassigned Stable
 17045
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Arthrospira
 Stable
 17050
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Sporadic
 17058
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__
 uncultured;D_6__uncultured Rhodobacteraceae
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 17072 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Sva0996 marine
 group Stable
 17081 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 17084 Unassigned Stable
 17096 Unassigned Stable
 17101
 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
 17104 Unassigned Stable

17120 D_0__Bacteria Stable
17132 Unassigned Stable
17153
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured Stable
17155
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
17159 Unassigned Stable
17168 Unassigned Sporadic
17169 Unassigned Stable
17177
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
17179 Unassigned Sporadic
17205 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade Stable
17215 Unassigned Stable
17221
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Candidatus Amoebophilus Stable
17234
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Pseudoalteromonadaceae;D_5__Pseudoalteromonas Stable
17257 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
17259 Unassigned Stable
17266
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae Sporadic
17268 Unassigned Stable
17279 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__KI89A clade;D_4__uncultured bacterium;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
17282 Unassigned Stable
17283
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Leeuwenhoekia Stable
17291 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
17314 Unassigned Stable
17326 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
17327
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibrio Stable
17337 Unassigned Stable
17343 Unassigned Sporadic
17344 Unassigned Stable
17367 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__SM2D12 Stable
17372 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
17375
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
17382
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Sandaracinaceae

Stable
 17390 Unassigned Stable
 17401
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Sporadic
 17417
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
 obium Stable
 17452
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Sporadic
 17453 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 17467
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Thiotrichales;D_4__EV818SWSAP88
 Stable
 17471 Unassigned Stable
 17478 Unassigned Stable
 17479 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria Sporadic
 17480 Unassigned Stable
 17481
 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales;D_4__Corynebacteriaceae;D_5__
 _Corynebacterium;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 17483
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__uncultured
 Stable
 17520
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
 _uncultured Stable
 17530 Unassigned Stable
 17531
 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
 17560 Unassigned Stable
 17595 Unassigned Stable
 17601 Unassigned Stable
 17603 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Order
 II;D_4__Rhodothermaceae;D_5__uncultured Stable
 17616
 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
 17629 Unassigned Stable
 17633 Unassigned Stable
 17638 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
 17649
 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
 17652
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Haliangiaceae;D_5__Hali
 angium;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 17670 Unassigned Stable
 17677 Unassigned Stable
 17683

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
17713

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae
Stable
17714 Unassigned Sporadic
17717

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Pelagibius;D_6__uncultured alpha
proteobacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
17721 Unassigned Stable
17726 Unassigned Stable
17729

D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bdellovibrionaceae;D_5__Bdellovibrio;D_6__uncultured
bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
17749 D_0__Bacteria;D_1__Acidobacteria;D_2__Acidobacteria;D_3__Subgroup 4;D_4__Unknown
Family;D_5__Blastocatella Stable
17766 Unassigned Stable
17768 Unassigned Stable
17784 Unassigned Stable
17789

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
17800 Unassigned Stable
17811 D_0__Bacteria Stable
17834

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
17839 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
17852 Unassigned Stable
17855 D_0__Bacteria;D_1__Bacteroidetes Stable
17856 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales Stable
17876 Unassigned Stable
17880

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
17881 Unassigned Stable
17884 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007
Stable
17889

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
D_5__Haliae;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
17897

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
17899 Unassigned Stable
17904 Unassigned Stable
17917

D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Verrucomicrobiacea
e;D_5__Roseibacillus;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

17928
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;D_5__Desulfobulbus;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

17931 Unassigned Stable

17943 D_0__Bacteria;D_1__Candidate division TM7;D_2__Unknown Class;D_3__Unknown Order;D_4__Unknown Family;D_5__Candidatus Saccharimonas;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

17955 D_0__Bacteria;D_1__Bacteroidetes Stable

17964
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Thalassospira Stable

17982 Unassigned Sporadic

17993
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

18007 Unassigned Stable

18032 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

18037 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

18039
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured Stable

18068 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Ruminococcaceae Stable

18070
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

18092 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__E6aD10 Stable

18118 Unassigned Stable

18120 Unassigned Stable

18122 Unassigned Stable

18125 Unassigned Stable

18128
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

18131 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Order II;D_4__Rhodothermaceae;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

18134 Unassigned Stable

18142
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Phaselicystidaceae;D_5__Phaselicystis;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

18147 Unassigned Stable

18150
D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__Spirochaeta;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

18160 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Sporadic

18161 Unassigned Stable

18162
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Legionellaceae;D_5__L

egionella Stable
 18169 Unassigned Stable
 18179
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 18189 Unassigned Stable
 18199 Unassigned Stable
 18206 Unassigned Stable
 18218 Unassigned Sporadic
 18237 Unassigned Stable
 18238 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
 18248 Unassigned Stable
 18276 Unassigned Stable
 18289
 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
 18299
 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
 18309
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;D_5__Marinomonas Stable
 18314
 D_0__Bacteria;D_1__Nitrospirae;D_2__Nitrospira;D_3__Nitrospirales;D_4__Nitrospiraceae;D_5__Nitrospira Stable
 18318 Unassigned Stable
 18349
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibrio Stable
 18354
 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
 18358 Unassigned Stable
 18362
 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
 18368 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
 18374 Unassigned Stable
 18385 Unassigned Stable
 18414
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae
 Stable
 18416 Unassigned Stable
 18417
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 18422
 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Caldicoprobacteraceae;D_5__Caldicoprobacter;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

18429
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

18434 Unassigned Stable

18436
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Thalassobius Stable

18438
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

18440 Unassigned Stable

18444 Unassigned Stable

18451 Unassigned Stable

18481 Unassigned Stable

18483 Unassigned Stable

18484 Unassigned Stable

18487 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Spartobacteria;D_3__Chthoniobacterales;D_4__DA101 soil group Stable

18503 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable

18504 Unassigned Stable

18534 Unassigned Stable

18535
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae Stable

18538 Unassigned Stable

18574
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

18578 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable

18611
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Sporadic

18652
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Fabibacter Stable

18661
D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales;D_4__Corynebacteriaceae;D_5__Corynebacterium;D_6__Corynebacterium genitalium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic

18665
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

18667 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII Stable

18676
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

18709 Unassigned Stable

18731 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

18734
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

18736 Unassigned Stable

18754 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

18769
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured
bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

18770 Unassigned Stable

18773 Unassigned Stable

18776 Unassigned Stable

18785
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Sporadic

18797
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

18804 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29 Stable

18827 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__BD72BR169;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

18840 D_0__Bacteria;D_1__Chloroflexi;D_2__KD4-96 Stable

18845 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__MSB-1E8;D_5__uncultured
bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Sporadic

18846 Unassigned Stable

18850 Unassigned Stable

18851 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

18855 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

18866 Unassigned Stable

18882 Unassigned Stable

18885
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Sporadic

18900
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__RoseovariusStable

18915
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
D_5__Alteromonas;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

18919
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__Acinetobacter;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable

18948 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

18953 Unassigned Sporadic

18962
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured Stable

18968 Unassigned Stable

18979 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__KI89A clade;D_4__uncultured
bacterium;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Sporadic

18983 Unassigned Stable

18987 Unassigned Stable

18995 Unassigned Stable

18998

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Legionellaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
19027

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine benthic group Stable
19037

D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D_5__uncultured Stable
19039 Unassigned Stable
19055 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__MSB-1E8;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
19056 Unassigned Stable
19061

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
19064 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__HOC36;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
19069 Unassigned Stable
19092

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Labrenzia Stable
19099

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae Stable
19104 Unassigned Stable
19125 Unassigned Stable
19132 Unassigned Stable
19133 D_0__Bacteria Stable
19140

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Halomonadaceae;D_5__Halomonas Stable
19155 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhizobiaceae Sporadic
19163

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae Stable
19187 Unassigned Stable
19213 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
19218 Unassigned Stable
19220 Unassigned Stable
19259 Unassigned Sporadic
19261 Unassigned Stable
19284 Unassigned Stable
19301 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
19342 Unassigned Stable
19355 Unassigned Stable
19364 Unassigned Stable
19371 Unassigned Stable
19385 D_0__Bacteria;D_1__Candidate division WS6;D_2__uncultured bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
19412 Unassigned Stable

19414	Unassigned	Stable
19429	Unassigned	Stable
19440	Unassigned	Stable
19445	Unassigned	Stable
19449	Unassigned	Stable
19453	Unassigned	Stable
19467	Unassigned	Stable
19478	Unassigned	Stable
19499	Unassigned	Stable
19502	Unassigned	Stable
19504	Unassigned	Stable
19516		
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae		
Stable		
19602	Unassigned	Stable
19614	Unassigned	Stable
19622		
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__Synechococcus;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		
19632	Unassigned	Stable
19636	Unassigned	Stable
19648	Unassigned	Stable
19652	Unassigned	Stable
19681		
D_0__Bacteria;D_1__Chloroflexi;D_2__Caldilineae;D_3__Caldilineales;D_4__Caldilineaceae;D_5__uncultured Sporadic		
19691	Unassigned	Stable
19692	Unassigned	Stable
19699	Unassigned	Stable
19701	Unassigned	Sporadic
19715		
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		
19756		
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae		
Stable		
19762	D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI	Stable
19769		
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae		
Stable		
19780		
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__		
Sporadic		
19783	Unassigned	Stable
19788		
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Parvularculales;D_4__Parvularculaceae;D_5__Parvularcula		
Stable		
19815		
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Photobacterium		
Stable		
19824	Unassigned	Stable
19827	Unassigned	Stable
19832		
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod		

obium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 19874
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;D_5__Desulfobulbus;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 19892 Unassigned Stable
 19896
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Sandaracinaceae
 Stable
 19913
 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
 19916 Unassigned Stable
 19923 Unassigned Stable
 19928
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
 Stable
 19935 Unassigned Stable
 19941 Unassigned Stable
 19963 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
 19981
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__Holosporaceae;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
 19986 Unassigned Stable
 19999 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__ Sporadic
 20004 Unassigned Stable
 20039 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales Stable
 20041
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__D
 _5__Oceaniovalibus;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 20061 Unassigned Stable
 20062
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Rhodocyclales;D_4__Rhodocyclaceae;D_5__D
 echloromonas Stable
 20064 Unassigned Sporadic
 20072
 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
 20114 Unassigned Stable
 20123
 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
 20126 Unassigned Stable
 20131 Unassigned Stable
 20133 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__BD7-8 marine
 group;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 20154

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
20155 Unassigned Sporadic
20192 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria Stable
20202
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Nannocystaceae Stable
20214 Unassigned Stable
20220 Unassigned Stable
20229
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
20244 Unassigned Stable
20253 Unassigned Stable
20259
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
20262
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Pseudoalteromonadaceae;D_5__Pseudoalteromonas Stable
20284 D_0__Bacteria;D_1__Acidobacteria;D_2__Subgroup 22;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
20292 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
20320 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__Subsection I;D_4__Family I Stable
20325 Unassigned Stable
20337
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__Ilumatobacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
20339 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
20354
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibrio Stable
20366 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
20368 Unassigned Stable
20386
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
20396 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
20401
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
20411 Unassigned Stable
20412
D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Alicyclobacillaceae;D_5__Tumebacillus;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
20414 Unassigned Stable
20435
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae Stable

20440 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 20441 Unassigned Stable
 20445 Unassigned Stable
 20472
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Shewanellaceae;D_5__Shewanella Stable
 20478 Unassigned Stable
 20479
 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
 20482 Unassigned Stable
 20494 Unassigned Stable
 20501 Unassigned Stable
 20503 Unassigned Stable
 20508 Unassigned Sporadic
 20519 Unassigned Stable
 20532 Unassigned Sporadic
 20533 Unassigned Sporadic
 20558 Unassigned Stable
 20562
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5__Tepidimonas Stable
 20568 Unassigned Stable
 20572 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable
 20577 Unassigned Stable
 20582 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__E6aD10 Stable
 20595 Unassigned Stable
 20601 Unassigned Stable
 20620
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__Synechococcus;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
 20633 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Sporadic
 20653
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Pseudovibrio Stable
 20655 Unassigned Stable
 20666
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
 20683
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Nitrospinaceae;D_5__Candidatus Entotheonella;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 20684 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Hot Creek 32;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
 20692 Unassigned Stable
 20696 Unassigned Stable
 20697 Unassigned Stable
 20717 Unassigned Stable
 20724
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae Stable
 20728 Unassigned Stable
 20738 Unassigned Stable
 20749

D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Candidatus Amoebophilus;D_6__uncultured Bacteroidetes
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Sporadic
20753 Unassigned Stable
20766 Unassigned Stable
20771

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
20794 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
20804 Unassigned Sporadic
20817

D_0__Bacteria;D_1__Planctomycetes;D_2__Phycisphaerae;D_3__Phycisphaerales;D_4__Phycisphaeraceae;D_5__Urania-1B-19 marine sediment group;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
20821 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales Stable
20829 Unassigned Stable
20834 D_0__Bacteria;D_1__Acidobacteria;D_2__Acidobacteria;D_3__AT-s3-28;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
20854

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;D_5__BD1-7 clade Stable
20855 Unassigned Stable
20856 Unassigned Stable
20859 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
20860

D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Eubacteriaceae;D_5__Anaerofustis;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
20873 Unassigned Stable
20880

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
20888

D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae Stable
20904

D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__Spirochaeta Stable
20920

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
20923 Unassigned Stable
20926 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__0319-6G20 Stable
20929 D_0__Bacteria;D_1__Proteobacteria Stable
20950 Unassigned Stable
20963

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
20976 Unassigned Stable
20981

D_0__Bacteria;D_1__Planctomycetes;D_2__Phycisphaerae;D_3__Phycisphaerales;D_4__Phycisphaeraceae;D_5__Phycisphaera Stable
20985 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

20998 Unassigned Stable
21000 Unassigned Sporadic
21008 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Family XI;D_5__Anaerococcus;D_6__uncultured Anaerococcus sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
21012 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
21018 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable
21028 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibrio;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
21031 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__KI89A clade;D_4__uncultured marine 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
21034 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
21035 Unassigned Stable
21041 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Beijerinckiaceae;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
21048 Unassigned Stable
21054 D_0__Bacteria;D_1__Proteobacteria Stable
21063 Unassigned Stable
21076 Unassigned Stable
21079 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
21089 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__Lewinella Stable
21094 Unassigned Sporadic
21099 Unassigned Stable
21107 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
21123 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
21124 Unassigned Stable
21134 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micrococcales;D_4__Microbacteriaceae;D_5__Agromyces;D_6__uncultured soil bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
21139 Unassigned Stable
21146 Unassigned Stable
21147 Unassigned Stable
21152 Unassigned Stable
21158 Unassigned Stable
21172 Unassigned Stable
21173 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
21182 Unassigned Stable
21184 Unassigned Stable
21186 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Ectothiorhodospiraceae;D_5__Acidiferrobacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

21216
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

21217
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

21225 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
21227 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
21229
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Lyngbya
Stable

21243 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae
Stable

21257 Unassigned Stable
21259 Unassigned Stable
21261
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007;D_5__uncu
ltured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

21268 Unassigned Stable
21270
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__
Nitrosococcus;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

21275 Unassigned Stable
21276 Unassigned Stable
21278 Unassigned Stable
21287
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Sporadic

21295 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
21298
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya
Stable

21303 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
21368
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae
Stable

21373
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

21378 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Peptostreptococcaceae
Stable

21381 D_0__Bacteria Stable
21383 Unassigned Stable
21384 Unassigned Stable
21399 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
21413 Unassigned Stable
21420 Unassigned Sporadic
21442 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales Stable
21443
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
D_5__Marinobacter;D_6__uncultured Vibrio
sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

21448 D_0__Bacteria;D_1__Proteobacteria Stable
21463 Unassigned Stable

21471 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

21473 Unassigned Stable

21479 Unassigned Stable

21489
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Phormidium
Stable

21492 Unassigned Sporadic

21495
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

21510 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfuromonadales;D_4__GR-
WP33-58;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

21514 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

21517
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
D_5__Spongiibacter Stable

21520 Unassigned Stable

21528 D_0__Bacteria;D_1__Planctomycetes;D_2__Pla3 lineage;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

21530 Unassigned Stable

21533 Unassigned Stable

21541 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

21548 Unassigned Stable

21553
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibri
o Stable

21561 Unassigned Stable

21569 Unassigned Stable

21575 Unassigned Stable

21596
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine
benthic group;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

21602
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Sphingomonadace
ae;D_5__Zymomonas;D_6__uncultured soil
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

21615 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

21616 Unassigned Stable

21622
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

21629 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

21638 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

21645
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

21652 Unassigned Stable

21666 Unassigned Stable
21676
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured actinobacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
21680
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Labrenzia Stable
21691
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine benthic group Stable
21694 Unassigned Stable
21716
D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Enterococcaceae;D_5__Vagococcus Stable
21718 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured Stable
21741 Unassigned Stable
21752 Unassigned Stable
21760 Unassigned Stable
21778 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Sporadic
21783 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
21802 Unassigned Stable
21804 Unassigned Stable
21805
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
21809 Unassigned Stable
21818
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__uncultured Stable
21819 Unassigned Stable
21832
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
21844 Unassigned Stable
21845
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
21850 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
21861 Unassigned Stable
21863
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
21869
D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__uncultured Stable
21888
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
21907
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod obium Stable
21908 Unassigned Stable

21918 Unassigned Stable

21928 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

21933
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae
Stable

21964
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Ruegeria Stable

21979
D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__Lewinella Stable

21990
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Halanaerobiales;D_4__Halobacteroidaceae;D_5__uncultured
d;D_6__uncultured Clostridia
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

21993 Unassigned Stable

21996 Unassigned Stable

22000 Unassigned Stable

22017 Unassigned Stable

22020
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine
benthic group;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

22028
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable

22036 Unassigned Stable

22038 Unassigned Stable

22041
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured
Stable

22056
D_0__Bacteria;D_1__Planctomycetes;D_2__Phycisphaerae;D_3__Phycisphaerales;D_4__Phycisphaeraceae;D_5__Urania-1B-19 marine sediment group;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

22059
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Halomonadaceae;
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

22061 Unassigned Stable

22084 Unassigned Stable

22086 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales Stable

22089
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

22097 Unassigned Stable

22105 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__GoM-GC232-4463-Bac1;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

22112 Unassigned Sporadic

22114 D_0__Bacteria;D_1__Candidate division WS6;D_2__uncultured
bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

22116 Unassigned Stable

22125 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

22137 Unassigned Stable

22152 Unassigned Stable
 22154 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria Stable
 22155 Unassigned Stable
 22164 Unassigned Stable
 22168
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__L
 ewinella;D_6__uncultured
 bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 22176 Unassigned Stable
 22186 Unassigned Stable
 22187 Unassigned Stable
 22190 Unassigned Stable
 22192 Unassigned Stable
 22194 Unassigned Stable
 22203 Unassigned Stable
 22214
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 22223 Unassigned Stable
 22225
 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
 22234 Unassigned Sporadic
 22237 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 22283
 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
 22319 D_0__Bacteria;D_1__Proteobacteria;D_2__BJGMM-U27;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
 22321 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__NS11-12
 marine group;D_5__uncultured
 bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 22323
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__unc
 ultured Stable
 22334
 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
 22335 Unassigned Stable
 22336
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D
 _5__uncultured Stable
 22339
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Pseudoalteromona
 daceae;D_5__Pseudoalteromonas;D_6__uncultured
 bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 22340 Unassigned Stable
 22350
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
 obium;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__
 Sporadic
 22369 Unassigned Stable
 22381

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
22386 Unassigned Stable
22388 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
22394
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__
uncultured;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
22401 Unassigned Stable
22403 Unassigned Sporadic
22417
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya
Sporadic
22459 Unassigned Stable
22460
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Acetobacteraceae;D_5__
Roseomonas Stable
22466 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
22475 Unassigned Stable
22488 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__E01-9C-26 marine group
Stable
22503
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Microcoleus;D_6__
uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
22506 Unassigned Stable
22511 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
22516 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
22536 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
22549 Unassigned Stable
22565
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
22578 Unassigned Sporadic
22613 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
22629 Unassigned Stable
22651 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae
Stable
22659 Unassigned Stable
22676
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
22688 D_0__Bacteria;D_1__TM6 Stable
22690 Unassigned Stable
22719 Unassigned Stable
22758 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable
22761
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
22778
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Peptostreptococcaceae;D_5__uncultured
;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
22805
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibri
o Stable
22809 Unassigned Stable
22813 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria Stable
22833 Unassigned Stable
22850 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
22853 Unassigned Stable
22859 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
22864
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Cox
iella Stable
22867
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
22869 Unassigned Stable
22875 Unassigned Stable
22877 Unassigned Stable
22905 Unassigned Stable
22915 Unassigned Stable
22930 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Opitutae;D_3__MB11C04 marine group;D_4__uncultured
Verrucomicrobia
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
22937 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__HOC36;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
22950 D_0__Bacteria;D_1__Candidate division TM7 Stable
22952 Unassigned Stable
22953
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
22956
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine
benthic group Stable
22958 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Order Incertae
Sedis;D_4__Family Incertae Sedis;D_5__Marinicella;D_6__uncultured gamma
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
22976 Unassigned Stable
22983 Unassigned Sporadic
22991 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__Rickettsiales
Incertae Sedis;D_5__Candidatus Captivus Stable
22994 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Sporadic
23014
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
obium Stable
23028
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__
Acinetobacter Sporadic
23029 Unassigned Sporadic
23030 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Family

XII;D_5__Fusibacter;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
23039
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured Stable
23051
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Muricauda Stable
23052 Unassigned Stable
23070 Unassigned Stable
23074
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
23082 Unassigned Stable
23089
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
23102 Unassigned Stable
23103
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Nitratireductor Stable
23116 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
23118
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
23124 Unassigned Stable
23136 Unassigned Stable
23142 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
23180 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Sva0996 marine group Stable
23183 Unassigned Stable
23190 Unassigned Stable
23211 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
23241 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
23245 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable
23247
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
23266 Unassigned Sporadic
23274 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007 Stable
23277 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__AKIW1012 Stable
23285
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
 23310
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Arthrospira
 Stable
 23318 Unassigned Stable
 23327
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
 Aquamicrobium Stable
 23335 Unassigned Stable
 23344 Unassigned Stable
 23366 D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae
 Sporadic
 23368 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 23375 Unassigned Stable
 23395 Unassigned Stable
 23401 Unassigned Stable
 23408 Unassigned Stable
 23429
 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
 23431 Unassigned Stable
 23440 Unassigned Stable
 23460 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__E01-9C-26 marine
 group;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 23466
 D_0__Bacteria;D_1__Planctomycetes;D_2__Phycisphaerae;D_3__Phycisphaerales;D_4__Phycisphaeraceae;D_5__U
 rania-1B-19 marine sediment group;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 23511 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Bacillaceae;D_5__Marinococcus
 Stable
 23535 Unassigned Stable
 23545 Unassigned Stable
 23562
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5__
 Acidovorax;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 23564
 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
 23582
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Sporadic
 23592
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Cox
 iella Stable
 23617 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Gammaproteobacteria Incertae
 Sedis;D_4__Unknown Family;D_5__Sedimenticola Stable
 23641
 D_0__Bacteria;D_1__Fusobacteria;D_2__Fusobacteriia;D_3__Fusobacteriales;D_4__Fusobacteriaceae;D_5__Cetob
 acterium;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 23644 Unassigned Stable
 23690 Unassigned Stable
 23692 Unassigned Stable

23705
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

23717 Unassigned Stable

23728 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable

23749 Unassigned Stable

23758
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

23767 Unassigned Stable

23773
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

23785 Unassigned Stable

23793 Unassigned Stable

23798 Unassigned Stable

23809
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable

23812
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod obium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

23815
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

23818 Unassigned Stable

23824 Unassigned Sporadic

23825 Unassigned Stable

23828 Unassigned Stable

23829 Unassigned Stable

23842
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__ Nitrosococcus;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

23876
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae Stable

23881 Unassigned Stable

23883
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae Stable

23887 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

23909 Unassigned Stable

23915 Unassigned Stable

23918
D_0__Bacteria;D_1__Proteobacteria;D_2__Zetaproteobacteria;D_3__Mariprofundales;D_4__Mariprofundaceae;D_5__ Mariprofundus;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

23920 Unassigned Stable

23924 Unassigned Sporadic

23928 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfuromonadales Stable

23962 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

23964 Unassigned Stable

23975 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__LWSR-

14;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
23980
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya
Sporadic
24000 Unassigned Stable
24032 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
24034
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
24035 Unassigned Stable
24050
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae
Stable
24060
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
24084
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
24086
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Sporadic
24091 Unassigned Stable
24113 Unassigned Stable
24119
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;D
_5__uncultured Stable
24131 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable
24141 Unassigned Stable
24146 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Sporadic
24162 Unassigned Stable
24168 Unassigned Stable
24174 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria Stable
24179 Unassigned Stable
24207 Unassigned Stable
24226 Unassigned Stable
24237
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__unc
ultured;D_6__uncultured gamma
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
24240 Unassigned Stable
24269 Unassigned Stable
24283
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
24294
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__Xanthomonadace
ae;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
24295 Unassigned Sporadic
24304 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
24305 Unassigned Stable

24320 Unassigned Stable
 24359 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 24375
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Pseudoalteromona
 daceae;D_5__Pseudoalteromonas;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 24381 Unassigned Stable
 24397 Unassigned Stable
 24401 D_0__Bacteria;D_1__Proteobacteria Stable
 24406 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 24437 Unassigned Stable
 24466 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 24467 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__KI89A clade;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 24480 Unassigned Stable
 24483 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales Stable
 24508 Unassigned Stable
 24540 Unassigned Stable
 24543 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria Sporadic
 24546 Unassigned Stable
 24553 Unassigned Stable
 24571
 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
 24574
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Cox
 iella Stable
 24577 Unassigned Stable
 24582 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured
 alpha
 proteobacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 24589 Unassigned Stable
 24595 Unassigned Stable
 24604 Unassigned Stable
 24622 Unassigned Stable
 24626
 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
 24643 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 24671 Unassigned Stable
 24672 Unassigned Stable
 24687
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Leptolyngbya
 Stable
 24696 Unassigned Stable
 24704 Unassigned Sporadic
 24705 Unassigned Stable
 24712
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5
 __Comamonas;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 24713
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
 ae;D_5__Pseudomonas Stable

24724 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales Stable
24747
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Microcoleus
Stable
24795
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
24804 Unassigned Stable
24808 Unassigned Stable
24811 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
24825
D_0__Bacteria;D_1__Planctomycetes;D_2__Phycisphaerae;D_3__Phycisphaerales;D_4__Phycisphaeraceae;D_5__U
rania-1B-19 marine sediment group;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
24830 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales Stable
24837
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
24854
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Verrucomicrobiacea
e;D_5__Roseibacillus;D_6__uncultured Verrucomicrobia
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
24870 Unassigned Stable
24873 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__NKB5 Stable
24877 Unassigned Stable
24881
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Parvi
baculum;D_6__uncultured bacterium
HF4000_48A13;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
24897 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Order Incertae
Sedis;D_4__Family Incertae Sedis;D_5__Marinicella Stable
24900 Unassigned Stable
24940
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
24948
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
24959 Unassigned Stable
24960
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
24963 Unassigned Stable
24964
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5__
__Acidovorax;D_6__uncultured
bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
24972 Unassigned Stable
24998 Unassigned Stable
25001 Unassigned Stable
25013
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine
benthic group Sporadic

25019
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium;D_6__uncultured alpha proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

25033 Unassigned Stable

25046 Unassigned Stable

25047 Unassigned Stable

25052
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

25081 Unassigned Stable

25083
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

25089
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Peptostreptococcaceae;D_5__uncultured ;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

25117 Unassigned Stable

25136 Unassigned Stable

25143 Unassigned Stable

25151
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Phaselicystidaceae;D_5__Phaselicystis;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

25160 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Sva0996 marine group Stable

25164 D_0__Bacteria;D_1__Chlorobi;D_2__Ignavibacteria;D_3__Ignavibacteriales;D_4__IheB3-7 Stable

25199
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;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

25218
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__uncultured;D_6__uncultured cyanobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic

25239
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__uncultured Stable

25287
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable

25296
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Reichenbachiiella;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

25309
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Sporadic

25343 Unassigned Stable

25346 Unassigned Stable

25358 Unassigned Stable

25359 Unassigned Stable

25373
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__CrystalBog021C3 Stable

25393

D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Oxalobacteraceae;D_5__Undibacterium;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
25394 Unassigned Stable
25396 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Ruminococcaceae Stable
25399 Unassigned Stable
25400 Unassigned Stable
25403 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
25418 Unassigned Stable
25419 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales Stable
25427 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__uncultured Stable
25455 Unassigned Stable
25460 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Christensenellaceae;D_5__uncultured Stable
25465 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
25474 Unassigned Sporadic
25479 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
25486 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae Stable
25495 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa Stable
25497 Unassigned Stable
25504 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
25508 Unassigned Stable
25516 Unassigned Sporadic
25530 Unassigned Stable
25532 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas Stable
25544 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
25557 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__uncultured Stable
25588 Unassigned Stable
25592 Unassigned Stable
25593 Unassigned Stable
25594 Unassigned Stable
25597 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
25609 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

25611
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
obium;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__
Sporadic

25612 Unassigned Stable
25624 Unassigned Stable
25638 Unassigned Stable
25670 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Sporadic
25686
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhizobiaceae;D_5__Shinell
a Stable
25687 Unassigned Stable
25698 Unassigned Stable
25718 Unassigned Stable
25734 Unassigned Stable
25740 Unassigned Stable
25758 Unassigned Stable
25764
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae
Stable
25796
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Syntrophobacterales;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
25804
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Bradyrhizobiaceae Stable
25811
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
D_5__Aestuariatibacter Stable
25822 Unassigned Stable
25844
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
25852
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
25864 Unassigned Stable
25879
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__uncultured;D_5__uncultured
bacterium;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
25880
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__Xanthomonadace
ae;D_5__Stenotrophomonas Stable
25898
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae
Stable
25902 Unassigned Stable
25913 Unassigned Stable
25920 Unassigned Stable
25927 Unassigned Stable
25954
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
uncultured Stable
25956
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
Stable

25990 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Sporadic

25998 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

25999 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales Sporadic

26009 Unassigned Stable

26037
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Halanaerobiales;D_4__Halanaerobiaceae;D_5__Halocella;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

26039
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae Stable

26043
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__Ilumatobacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

26049 Unassigned Stable

26051
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

26055
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

26078 Unassigned Stable

26099
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Paracoccus;D_6__unidentified marine bacterioplankton;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

26101 Unassigned Stable

26109 Unassigned Stable

26116
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

26123
D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micrococcales;D_4__Brevibacteriaceae;D_5__Brevibacterium Sporadic

26124
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Caldicoprobacteraceae;D_5__Caldicoprobacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

26132 Unassigned Stable

26138 Unassigned Stable

26144 Unassigned Stable

26152 Unassigned Stable

26159 Unassigned Stable

26170
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae;D_5__Erythrobacter Sporadic

26171
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Aliihoeflea Stable

26176
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

26177 Unassigned Stable

26179 Unassigned Stable

26189 Unassigned Stable
 26198 Unassigned Stable
 26203 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable
 26217 Unassigned Stable
 26228 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales Stable
 26245
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae
 Stable
 26247
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
 Stable
 26252 Unassigned Stable
 26262
 D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__Spirocha
 eta;D_6__uncultured organism;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 26303 Unassigned Sporadic
 26306 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 26309
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Pseudoalteromona
 daceae;D_5__Pseudoalteromonas;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 26311 Unassigned Stable
 26314 Unassigned Sporadic
 26333 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
 26338 Unassigned Stable
 26356 Unassigned Stable
 26361
 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales;D_4__Corynebacteriaceae;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
 26363 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__F0723 Stable
 26373 Unassigned Stable
 26383 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales Stable
 26385 Unassigned Stable
 26393
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Aeromonadales;D_4__Aeromonadaceae;D
 _5__Aeromonas Stable
 26399
 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
 26403 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 26407
 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
 26433 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 26441
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 26457
 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
 26458

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Hahellaceae;D_5__Endozoicomonas;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
26468

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriaceae;D_5__Escherichia-Shigella;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
26474 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
26484

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
26495

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium;D_6__uncultured alpha proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
26497 Unassigned Stable
26509

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__uncultured Stable
26510 D_0__Bacteria;D_1__Cyanobacteria;D_2__Melainabacteria;D_3__Gastranaerophilales Stable
26532 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
26533 Unassigned Stable
26536 Unassigned Stable
26545

D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__uncultured Stable
26556

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine benthic group Stable
26576 D_0__Bacteria;D_1__Bacteroidetes Stable
26581

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Sphingomonadaceae;D_5__uncultured Stable
26587 Unassigned Stable
26592 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIV;D_4__FamilyI Stable
26595 Unassigned Stable
26604 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured Sporadic
26618 Unassigned Stable
26626

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
26631

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
26641 Unassigned Stable
26655 Unassigned Stable
26680 Unassigned Stable
26695 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
26702

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

26724 D_0__Bacteria;D_1__Cyanobacteria;D_2__Melainabacteria;D_3__Gastranaerophilales;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

26744 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__KI89A clade;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

26745 D_0__Bacteria;D_1__Lentisphaerae;D_2__WCHB1-41;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

26748 Unassigned Stable

26789 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__SM2D12;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

26793 Unassigned Stable

26798 Unassigned Stable

26816 Unassigned Stable

26828 D_0__Bacteria;D_1__Chlorobi;D_2__Chlorobia;D_3__Chlorobiales;D_4__Chlorobiaceae;D_5__Chlorobium Stable

26833 Unassigned Stable

26847 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas Stable

26858 Unassigned Stable

26863 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

26872 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

26874 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae Stable

26883 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

26906 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Coxiella Stable

26907 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Bacillaceae;D_5__Bacillus Stable

26910 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade Stable

26912 Unassigned Stable

26916 Unassigned Stable

26917 Unassigned Stable

26932 Unassigned Stable

26936 Unassigned Stable

26943 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

26967 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

26970 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

27025 Unassigned Stable

27028 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae Stable

27032 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

27034 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobia;D_3__Acidimicrobiales;D_4__OM1 clade;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic

27035	Unassigned	Stable
27041	Unassigned	Stable
27042	Unassigned	Stable
27048	Unassigned	Stable
27071	Unassigned	Sporadic
27080		
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae		
		Stable
27113		
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Aurantimonadaceae		
		Stable
27124	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
27125	D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales	Sporadic
27126	Unassigned	Sporadic
27131	Unassigned	Stable
27146	Unassigned	Stable
27147	Unassigned	Stable
27149		
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Spartobacteria;D_3__Chthoniobacterales;D_4__01D2Z36;D_5__uncultured organism;D_6__;		
	D_7__;	D_8__;
	D_9__;	D_10__;
	D_11__;	D_12__;
	D_13__;	D_14__;
	D_15__;	D_16__
		Stable
27159	Unassigned	Stable
27183	Unassigned	Stable
27184		
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas		
		Stable
27192	Unassigned	Stable
27216	D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__KI89A clade;D_4__uncultured bacterium;D_5__;	D_6__;
	D_7__;	D_8__;
	D_9__;	D_10__;
	D_11__;	D_12__;
	D_13__;	D_14__;
	D_15__;	D_16__
		Stable
27233	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
27240	Unassigned	Stable
27248	Unassigned	Stable
27267		
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae		
		Stable
27276		
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;D_5__Microbulbifer		
		Sporadic
27283	Unassigned	Sporadic
27299		
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Fulvivirga;D_6__uncultured bacterium;D_7__;		
	D_8__;	D_9__;
	D_10__;	D_11__;
	D_12__;	D_13__;
	D_14__;	D_15__;
	D_16__	
		Stable
27308	Unassigned	Stable
27337		
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Sandaracinaceae		
		Stable
27351	Unassigned	Stable
27365	Unassigned	Stable
27366	Unassigned	Stable
27370	Unassigned	Stable
27372		
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__Nitrosococcus;D_6__unidentified bacterium		
	wb1_P19;D_7__;	D_8__;
	D_9__;	D_10__;
	D_11__;	D_12__;
	D_13__;	D_14__;
	D_15__;	D_16__
		Stable

27425 Unassigned Stable
27430 Unassigned Stable
27446
D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__Spirochaeta;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
27461 Unassigned Stable
27495 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
27497 Unassigned Stable
27506 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
27513
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Sporadic
27515 Unassigned Sporadic
27523 Unassigned Stable
27528 Unassigned Stable
27533 Unassigned Stable
27563 Unassigned Stable
27570 Unassigned Stable
27588 Unassigned Stable
27636 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__
Sporadic
27646 Unassigned Stable
27650 D_0__Bacteria;D_1__Proteobacteria Stable
27651 Unassigned Stable
27654 D_0__Bacteria;D_1__Deinococcus-Thermus;D_2__Deinococci;D_3__Thermales;D_4__Thermaceae;D_5__Meiothermus;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
27659 Unassigned Stable
27676 Unassigned Stable
27688 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
27695
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
27715
D_0__Bacteria;D_1__Proteobacteria;D_2__Epsilonproteobacteria;D_3__Campylobacterales;D_4__Campylobacteraceae;D_5__Arcobacter;D_6__uncultured epsilon proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
27729
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Cloacibacterium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
27750 Unassigned Stable
27755 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__EC3 Stable
27759
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
27791
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Candidatus Amoebophilus;D_6__uncultured Bacteroidetes bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
27817 D_0__Bacteria;D_1__Chloroflexi;D_2__Thermomicrobia;D_3__AKYG1722;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

27831 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__Rickettsiales
 Incertae Sedis;D_5__Candidatus Hepatincola;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

27832 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

27834 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Sporadic

27839
 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

27842 D_0__Bacteria;D_1__Proteobacteria;D_2__SC3-20 Stable

27843
 D_0__Bacteria;D_1__Planctomycetes;D_2__Phycisphaerae;D_3__Phycisphaerales;D_4__Phycisphaeraceae;D_5__S
 M1A02 Stable

27847 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

27855
 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007;D_5__uncu
 ltured Verrucomicrobia
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

27857
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteracea
 e;D_5__Erythrobacter Stable

27867 Unassigned Stable

27868
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__P
 ortibacter Stable

27870 Unassigned Stable

27873
 D_0__Bacteria;D_1__Chloroflexi;D_2__Chloroflexia;D_3__Chloroflexales;D_4__Roseiflexaceae;D_5__Roseiflexus
 Stable

27875 Unassigned Stable

27886 Unassigned Stable

27897
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;D_5__uncultured Stable

27898 Unassigned Stable

27900 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfuromonadales;D_4__GR-
 WP33-58;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

27907 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

27910 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

27926 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria Stable

27927
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__uncu
 ltured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

27930 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

27932 Unassigned Stable

27942
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured
 actinobacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

27948
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__uncultur
 ed Sporadic

27953 Unassigned Stable

27954 Unassigned Stable

27957 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
27966
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Roseobacter clade CHAB-I-5 lineage;D_6__uncultured Rhodobacteraceae bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
27969 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
27987 Unassigned Sporadic
28004 Unassigned Stable
28011
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Tistlia Stable
28012 Unassigned Stable
28017 Unassigned Stable
28021 Unassigned Stable
28026 Unassigned Stable
28042 Unassigned Stable
28049 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
28051
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
28052 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
28054 Unassigned Stable
28058
D_0__Bacteria;D_1__Chloroflexi;D_2__Anaerolineae;D_3__Anaerolineales;D_4__Anaerolineaceae;D_5__uncultured ;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
28067 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
28070
D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Rubritaleaceae;D_5__Rubritalea Stable
28113
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Flavobacterium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
28134
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__CL5 00-29 marine group;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
28136 Unassigned Stable
28141
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
28142 Unassigned Stable
28160 Unassigned Stable
28167
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
28176 Unassigned Stable
28179 Unassigned Stable
28195 Unassigned Stable
28204 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae

Stable

28212 Unassigned Stable
 28216 Unassigned Stable
 28228
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured;D_6__uncultured alpha proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
 28229 Unassigned Stable
 28238 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 28245 Unassigned Stable
 28246 Unassigned Stable
 28248 Unassigned Stable
 28249 Unassigned Stable
 28253
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__Nitrosococcus Stable
 28254 Unassigned Stable
 28276 Unassigned Stable
 28284 Unassigned Stable
 28298 Unassigned Stable
 28302 Unassigned Stable
 28304
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
 28313
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Coxiella Stable
 28318
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
 28333 Unassigned Stable
 28351
 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
 28368 Unassigned Stable
 28405 Unassigned Stable
 28422
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__uncultured Stable
 28429
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
 28430 Unassigned Stable
 28432
 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
 28454 Unassigned Stable
 28462 Unassigned Sporadic
 28466
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium;D_6__uncultured organism;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 28471 Unassigned Stable
 28484 Unassigned Stable
 28486

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Brucellaceae;D_5__Ochrob
actrum Stable
28494 Unassigned Stable
28507 Unassigned Stable
28519
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
D_5__Pseudohalialia Stable
28532
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
28533 Unassigned Stable
28534
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriace
ae;D_5__Escherichia-Shigella;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
28552 D_0__Bacteria;D_1__Acidobacteria;D_2__Acidobacteria;D_3__Subgroup 9 Stable
28554
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
_5__uncultured;D_6__uncultured Rhodobacteraceae
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
28564 Unassigned Stable
28569 Unassigned Stable
28572 Unassigned Stable
28576
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__
Filomicrobium Stable
28587
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
Stable
28589 Unassigned Stable
28604 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
28608 Unassigned Stable
28620
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
28638 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
28661
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
28665 Unassigned Stable
28677 Unassigned Stable
28678 Unassigned Stable
28680 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae
Stable
28686 Unassigned Stable
28689
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriace
ae Stable
28709 Unassigned Stable
28721 Unassigned Stable
28731 Unassigned Stable
28739
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae

Stable
28742
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Oscillatoria
Stable
28749 Unassigned Stable
28751 Unassigned Stable
28760
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
28788 Unassigned Stable
28790 Unassigned Stable
28828
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__uncultured Stable
28839
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
28866
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Thiotrichales;D_4__Piscirickettsiaceae;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
28902 Unassigned Stable
28903
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
28909 Unassigned Stable
28917 Unassigned Stable
28922 Unassigned Stable
28923
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
28926
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Sulfitobacter;D_6__uncultured marine
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
28931 Unassigned Stable
28932 Unassigned Stable
28939 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
28964 Unassigned Stable
28979 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Sporadic
28990
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
28993
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfovibrionales;D_4__Desulfovibrionaceae
;D_5__Desulfovibrio Stable
29016
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
29024 Unassigned Stable
29036 Unassigned Stable

29051 Unassigned Stable
29056
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured Stable
29076 Unassigned Stable
29082 Unassigned Stable
29106 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
29109 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
29141
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
29155 Unassigned Stable
29173 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__BD7-8 marine group;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
29174 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
29176 Unassigned Stable
29180 D_0__Bacteria;D_1__Actinobacteria;D_2__TakashiAC-B11;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
29203 Unassigned Stable
29206 Unassigned Stable
29207
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
29219 Unassigned Stable
29226 Unassigned Stable
29246 Unassigned Sporadic
29262
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfarculales;D_4__Desulfarculaceae;D_5__Desulfarculus;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
29271 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
29275
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae Stable
29281 Unassigned Stable
29288 D_0__Bacteria;D_1__Candidate division WS3;D_2__uncultured bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
29307 Unassigned Stable
29312
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bdellovibrionaceae;D_5__Bdellovibrio;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
29316 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__ Sporadic
29357 Unassigned Stable
29383 Unassigned Stable
29401
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;D_5__Marinobacter Stable
29429 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Peptococcaceae Stable
29439 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

29440 Unassigned Stable
 29446 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
 29482 Unassigned Stable
 29483 Unassigned Stable
 29500 Unassigned Stable
 29504 Unassigned Stable
 29505
 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
 29512
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Cox
 iella Stable
 29518 Unassigned Stable
 29542 Unassigned Stable
 29569
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
 uncultured;D_6__uncultured
 proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 29584
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
 uncultured Stable
 29585 Unassigned Stable
 29601 Unassigned Stable
 29602 Unassigned Stable
 29616 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable
 29623 Unassigned Stable
 29630 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
 29633
 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__ Sporadic
 29634 Unassigned Stable
 29637 Unassigned Stable
 29638 Unassigned Stable
 29643 Unassigned Stable
 29659 D_0__Bacteria;D_1__Acidobacteria;D_2__Subgroup 22;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
 29660 Unassigned Stable
 29679 Unassigned Sporadic
 29687 Unassigned Stable
 29699 Unassigned Stable
 29701
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__
 Filomicrobium Stable
 29703 Unassigned Stable
 29705 D_0__Bacteria;D_1__Fusobacteria;D_2__Fusobacteriia;D_3__Fusobacteriales Stable
 29708
 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Streptococcaceae;D_5__Streptococcus;D_6__
 Streptococcus suis;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 29728 Unassigned Stable
 29735 Unassigned Stable

29742 Unassigned Stable
 29783 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 29795 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 29813 Unassigned Stable
 29835 Unassigned Stable
 29841 Unassigned Stable
 29863 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
 29876 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
 29887
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__RB446;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
 29890 Unassigned Stable
 29900
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Rhodocyclales;D_4__Rhodocyclaceae;D_5__D
 echloromonas;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 29904
 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Peptostreptococcaceae;D_5__uncultured
 ;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 29907
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
 _5__Actibacterium Stable
 29910 Unassigned Stable
 29913 Unassigned Stable
 29919
 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
 29930 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 29937 Unassigned Stable
 29948 Unassigned Stable
 29954 Unassigned Stable
 29960 Unassigned Stable
 29974
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__Candida
 tus Amoebophilus;D_6__uncultured Sphingobacteriales
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 29980 Unassigned Stable
 29988 Unassigned Stable
 30007
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibri
 o Stable
 30015 Unassigned Stable
 30033 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae
 Stable
 30038 Unassigned Stable
 30039 Unassigned Stable
 30045 Unassigned Stable
 30058 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
 30069
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibri

o Stable

30073 Unassigned Stable

30082 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales Stable

30083 Unassigned Sporadic

30084 Unassigned Stable

30085 Unassigned Stable

30092 Unassigned Stable

30095

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
D_5__Haliea;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

30098 Unassigned Sporadic

30118

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhizobiaceae;D_5__Rhizob
ium Stable

30120 Unassigned Sporadic

30124 Unassigned Stable

30125 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

30139

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

30146 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

30151

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

30176 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

30195 Unassigned Stable

30197

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

30203 Unassigned Stable

30218 Unassigned Stable

30231 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

30233 Unassigned Stable

30234 Unassigned Stable

30253 Unassigned Stable

30270 Unassigned Stable

30283

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

30291 Unassigned Stable

30306 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

30308 Unassigned Stable

30311

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Shewanellaceae;D
_5__Shewanella Stable

30313 Unassigned Stable

30324 Unassigned Stable

30349	Unassigned	Stable
30358	Unassigned	Stable
30365	Unassigned	Stable
30370	Unassigned	Stable
30371		
D_0__Bacteria;D_1__Proteobacteria;D_2__Epsilonproteobacteria;D_3__Campylobacterales;D_4__Campylobacteraceae;D_5__Arcobacter		
30374		Stable
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Cohaesibacter;D_6__uncultured		
bacterium;D_7__;		
30377	D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales	Stable
30379	Unassigned	Stable
30393		
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Aeromonadales;D_4__Aeromonadaceae;D_5__Aeromonas		
30408		Stable
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured;D_6__uncultured		
bacterium;D_7__;		
30412		Sporadic
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Sphingomonadaceae;D_5__Sphingomonas		
30476	D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Sva0996 marine group	Sporadic
30481	Unassigned	Stable
30483	Unassigned	Stable
30507	Unassigned	Sporadic
30509		
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Defluviicoccus		
30513		Stable
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured;D_6__uncultured		
bacterium;D_7__;		
30540		Stable
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae		
30545	Unassigned	Stable
30551		
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae;D_5__uncultured;D_6__uncultured		
bacterium;D_7__;		
30552		Stable
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D_5__Peredibacter;D_6__uncultured		
bacterium;D_7__;		
30571	Unassigned	Sporadic
30572		
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas;D_6__uncultured		
bacterium;D_7__;		
30574	Unassigned	Stable
30576		
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae		
30579	Unassigned	Stable

30582 Unassigned Stable
 30584 Unassigned Stable
 30595 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 30596 Unassigned Stable
 30598
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Rhodocyclales;D_4__Rhodocyclaceae;D_5__D
 echloromonas Stable
 30601 Unassigned Stable
 30605 Unassigned Stable
 30619 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 30633 Unassigned Stable
 30635 Unassigned Stable
 30645 Unassigned Stable
 30667
 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales;D_4__Mycobacteriaceae;D_5__
 Mycobacterium;D_6__Mycobacterium sp.
 'Bavariae';D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 30678 Unassigned Stable
 30690 Unassigned Stable
 30719 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured
 bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
 30722 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
 30734
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Haliangiaceae;D_5__Hali
 angium Stable
 30747
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__
 Acinetobacter Stable
 30760 Unassigned Stable
 30794 Unassigned Stable
 30798 Unassigned Stable
 30806
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae Stable
 30813 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 30819
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oleiphilaceae;D_5__
 Oleiphilus Stable
 30834 Unassigned Stable
 30836 Unassigned Stable
 30840 Unassigned Stable
 30848 Unassigned Stable
 30856 Unassigned Stable
 30861 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales Stable
 30862 Unassigned Stable
 30888 Unassigned Stable
 30889
 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__ Sporadic
 30890 Unassigned Stable
 30895
 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__unc
 ultured Sporadic
 30916 Unassigned Stable

30917
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__Nitrosococcus;D_6__unidentified bacterium
wb1_P19;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

30927 Unassigned Stable

30934 D_0__Bacteria;D_1__Acidobacteria;D_2__Subgroup 26;D_3__uncultured bacterium;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

30940 Unassigned Sporadic

30946 Unassigned Stable

30952
D_0__Bacteria;D_1__Chloroflexi;D_2__Anaerolineae;D_3__Anaerolineales;D_4__Anaerolineaceae;D_5__uncultured ;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

30963 Unassigned Stable

30976 Unassigned Stable

30990
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Pseudoalteromonadaeae;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

30993 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

30994 Unassigned Stable

31020 Unassigned Stable

31021 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

31027
D_0__Bacteria;D_1__Chloroflexi;D_2__Chloroflexia;D_3__Chloroflexales;D_4__Roseiflexaceae;D_5__Roseiflexus Stable

31033 Unassigned Stable

31052 Unassigned Stable

31065 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable

31069 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

31075
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Legionellaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

31076 Unassigned Stable

31078
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Andersoniella;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

31081 Unassigned Stable

31089 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales Stable

31097 Unassigned Stable

31098 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales Stable

31111 Unassigned Stable

31126
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__Subsection III;D_4__Family I;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

31144 Unassigned Stable

31149 Unassigned Stable

31160 Unassigned Stable

31177 Unassigned Stable

31183 Unassigned Stable

31188 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__uncultured

Stable
31191
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__ Sporadic
31207
D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micrococcales;D_4__Intrasporangiaceae;D_5__Jani
bacter;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
31249 Unassigned Stable
31252 Unassigned Sporadic
31258
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae;D
_5__uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
31259
D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micrococcales;D_4__Intrasporangiaceae;D_5__Orn
ithinimicrobium;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
31291 Unassigned Stable
31319 Unassigned Stable
31324
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5
__Defluviicoccus Stable
31342 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
31348 Unassigned Stable
31353
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Halomonadaceae;
D_5__Halomonas;D_6__uncultured Halomonas
sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
31363 Unassigned Stable
31364
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
31366 Unassigned Stable
31376
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
Stable
31380 Unassigned Stable
31382 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
31403 Unassigned Stable
31428
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine
benthic group;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
31442
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
31449 Unassigned Stable
31453
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Cox
iella Stable

31461 D_0__Bacteria;D_1__Acidobacteria;D_2__Subgroup 22;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

31466 Unassigned Stable

31531 Unassigned Stable

31535 Unassigned Stable

31576 Unassigned Sporadic

31593 Unassigned Stable

31604 D_0__Bacteria;D_1__Proteobacteria;D_2__Zetaproteobacteria;D_3__Mariprofundales;D_4__Mariprofundaceae;D_5__Mariprofundus;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

31608 Unassigned Stable

31621 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae Stable

31622 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Clostridiaceae 4;D_5__Clostridium sensu stricto;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

31627 Unassigned Stable

31630 Unassigned Stable

31632 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

31634 D_0__Bacteria;D_1__TM6;D_2__uncultured candidate division TM6 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

31643 Unassigned Sporadic

31650 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

31656 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;D_5__Alteromonas;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

31658 Unassigned Stable

31677 Unassigned Stable

31696 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

31713 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

31724 Unassigned Stable

31729 Unassigned Stable

31735 Unassigned Stable

31740 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

31742 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

31752 Unassigned Stable

31766 Unassigned Stable

31786 Unassigned Stable

31790 Unassigned Stable

31795 Unassigned Sporadic

31810 Unassigned Stable

31837 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__OM182 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
 31842
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__Magnetovibrio;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 31858
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae
 Stable
 31867
 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__DEV007;D_5__uncultured Verrucomicrobia
 bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 31868 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 31889
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Oxalobacteraceae
 Stable
 31898 Unassigned Stable
 31918 Unassigned Stable
 31922
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 31926 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 31930 Unassigned Stable
 31934
 D_0__Bacteria;D_1__Planctomycetes;D_2__Planctomycetacia;D_3__Planctomycetales;D_4__Planctomycetaceae;D_5__uncultured Stable
 31946 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfuromonadales;D_4__GR-WP33-58 Stable
 31954 Unassigned Stable
 31964
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 31968
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium
 Stable
 31975 Unassigned Stable
 31979 Unassigned Stable
 31980
 D_0__Bacteria;D_1__Spirochaetae;D_2__Spirochaetes;D_3__Spirochaetales;D_4__Spirochaetaceae;D_5__Trepone
 ma Stable
 31989 D_0__Bacteria Stable
 32001 Unassigned Stable
 32011
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Muricauda;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 32028 Unassigned Stable
 32031
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae
 Stable
 32032
 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
 32039 Unassigned Stable
 32070
 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__ Sporadic
 32094 Unassigned Stable
 32110 Unassigned Stable
 32126 Unassigned Stable
 32127
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
 ae;D_5__Pseudomonas Stable
 32131 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 32133
 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
 32142 D_0__Bacteria;D_1__Candidate division OP3 Sporadic
 32143 Unassigned Stable
 32147
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobacteraceae;
 D_5__Desulfobacula Stable
 32153
 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
 32163 Unassigned Stable
 32170 Unassigned Stable
 32204 Unassigned Stable
 32207 Unassigned Sporadic
 32217 D_0__Bacteria Stable
 32224 Unassigned Stable
 32225
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
 D_5__Alteromonas;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 32242 Unassigned Stable
 32254 D_0__Bacteria;D_1__Verrucomicrobia Stable
 32259
 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Lachnospiraceae;D_5__Marvinbryantia;D
 _6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 32261 Unassigned Stable
 32268 Unassigned Stable
 32277 Unassigned Sporadic
 32285 Unassigned Stable
 32293 Unassigned Sporadic
 32303
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__
 Nitrosococcus;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
 32306
 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
 32310
 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
 32336 Unassigned Stable
 32341 Unassigned Stable

32345 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales Stable
 32383 Unassigned Stable
 32395 Unassigned Stable
 32396 Unassigned Sporadic
 32399
 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
 32401
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteraceae;D_5__Erythrobacter;D_6__uncultured Novosphingobium sp.;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 32403 Unassigned Stable
 32426 Unassigned Stable
 32466 Unassigned Stable
 32467 Unassigned Stable
 32488 Unassigned Stable
 32495 Unassigned Stable
 32496
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Enterobacteriales;D_4__Enterobacteriaceae;D_5__Enterobacter Stable
 32503 Unassigned Stable
 32521 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__SAR116 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
 32531 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 32559
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibrio Sporadic
 32567 Unassigned Stable
 32568 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 32591
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 32594 Unassigned Stable
 32595 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__GR-WP33-30;D_4__uncultured delta proteobacterium;D_5__;;D_6__;;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Sporadic
 32600 Unassigned Stable
 32619 Unassigned Sporadic
 32624 Unassigned Stable
 32626 Unassigned Sporadic
 32628
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Stable
 32640 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 32680
 D_0__Bacteria;D_1__Chloroflexi;D_2__Caldilineae;D_3__Caldilineales;D_4__Caldilineaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;;D_8__;;D_9__;;D_10__;;D_11__;;D_12__;;D_13__;;D_14__;;D_15__;;D_16__ Sporadic
 32719 Unassigned Stable
 32748 Unassigned Stable
 32792 Unassigned Stable
 32799
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D

_5__Peredibacter Stable
 32802
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__Rhodomicrobium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 32813 Unassigned Stable
 32815
 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
 32816
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__uncultured Stable
 32821
 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__ Sporadic
 32824 Unassigned Stable
 32835 Unassigned Stable
 32846 Unassigned Stable
 32852 Unassigned Stable
 32858 Unassigned Stable
 32868 D_0__Bacteria;D_1__Bacteroidetes Stable
 32874 Unassigned Stable
 32878
 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
 32896 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__E01-9C-26 marine group
 Stable
 32898 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria Stable
 32905 Unassigned Stable
 32909 Unassigned Sporadic
 32912 Unassigned Stable
 32930 Unassigned Stable
 32939
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 32958 Unassigned Stable
 32968 Unassigned Stable
 32978 Unassigned Stable
 32980 Unassigned Stable
 32992 Unassigned Stable
 32996
 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
 33000 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
 33006 Unassigned Stable
 33008 Unassigned Stable
 33025 Unassigned Stable
 33029
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Citreicella Stable
 33051

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhizobiaceae;D_5__Rhizobium Stable
33053 Unassigned Stable
33054

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
33055 Unassigned Sporadic
33077 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
33089 Unassigned Stable
33097 Unassigned Stable
33109 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
33113

D_0__Bacteria;D_1__Planctomycetes;D_2__Phycisphaerae;D_3__Phycisphaerales;D_4__Phycisphaeraceae;D_5__Phycisphaera;D_6__marine metagenome;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
33129

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
33148

D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Peptostreptococcaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
33178 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
33208

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
33210 Unassigned Sporadic
33211

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Rubellimicrobium Stable
33218 Unassigned Stable
33227

D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;D_5__uncultured Stable
33266 Unassigned Stable
33273

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Rhodovulum Stable
33277 Unassigned Stable
33285 Unassigned Stable
33291

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
33307

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae Stable
33308 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
33310 Unassigned Stable
33311 Unassigned Stable
33322 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
33325 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae Stable
33329 Unassigned Stable
33331 Unassigned Stable
33341 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29 Stable

33355 Unassigned Stable
 33357 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae
 Stable
 33366 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Cryomorpaceae
 Stable
 33368 Unassigned Stable
 33401 Unassigned Stable
 33412
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
 obium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 33421 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Spartobacteria;D_3__Chthoniobacteriales;D_4__DA101 soil
 group Stable
 33422
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae
 Stable
 33438
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae;D
 _5__uncultured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 33446
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae
 Stable
 33457 Unassigned Stable
 33459
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae;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
 33468 Unassigned Stable
 33475
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacteriales;D_4__Rhodobacteraceae;D
 _5__uncultured Sporadic
 33478 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 33480 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales Stable
 33496 Unassigned Stable
 33512 Unassigned Stable
 33520 Unassigned Stable
 33531 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 33533 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
 33540 Unassigned Stable
 33552 Unassigned Sporadic
 33553 Unassigned Stable
 33566
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
 D_5__Alteromonas Stable
 33595
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5
 __Pelagibius Stable
 33596 Unassigned Stable
 33604 Unassigned Stable
 33638
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacteriales;D_4__Desulfobacteraceae;
 D_5__Desulfobacter Stable
 33652
 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

33654 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales Stable
 33661 Unassigned Stable
 33677 Unassigned Stable
 33684 Unassigned Stable
 33689 D_0__Bacteria;D_1__Actinobacteria Stable
 33694 Unassigned Stable
 33712 Unassigned Stable
 33714
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfuromonadales;D_4__Desulfuromonada
 ceae;D_5__Desulfuromusa;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 33715
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__Acinetobacter;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 33716 Unassigned Stable
 33731 Unassigned Stable
 33732 Unassigned Stable
 33741 Unassigned Stable
 33780 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Sporadic
 33787 Unassigned Stable
 33799 Unassigned Stable
 33837
 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
 33848 Unassigned Stable
 33851 Unassigned Stable
 33866 Unassigned Stable
 33874 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__uncultured;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 33877 Unassigned Stable
 33885
 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__
 Sporadic
 33891 Unassigned Sporadic
 33893
 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
 33901 Unassigned Stable
 33928 Unassigned Stable
 33929
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 33930 Unassigned Stable
 33931 D_0__Bacteria;D_1__Chlorobi;D_2__Chlorobia;D_3__Chlorobiales;D_4__Chlorobiaceae Stable
 33933
 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
 33951 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
 33958 Unassigned Stable
 33967 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured

Stable
 33968
 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
 33969 Unassigned Sporadic
 33992
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 34005 Unassigned Stable
 34015
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Kordiimonadales;D_4__Kordiimonadaceae;D_5__Kordiimonas;D_6__uncultured Kordiimonas sp.;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 34020 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
 34022 Unassigned Stable
 34031 Unassigned Stable
 34036 Unassigned Stable
 34040 Unassigned Stable
 34043
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Pseudorhodobacter;D_6__Rhodobacter sp. ZS3-13;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 34081
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
 34084
 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micromonosporales;D_4__Micromonosporaceae;D_5__Catenuloplanes Stable
 34119 Unassigned Stable
 34136
 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
 34143
 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
 34174 Unassigned Sporadic
 34175 Unassigned Stable
 34184 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 34189 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria Stable
 34209 Unassigned Stable
 34210 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Clostridiaceae 1;D_5__Clostridium sensu stricto 18 Stable
 34213
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__MBAE14 Stable
 34221 Unassigned Stable
 34222
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;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
 34225 Unassigned Stable
 34231 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
34248
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
34255
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable
34265
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
34272 Unassigned Stable
34277 Unassigned Stable
34287 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
34291 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__MSB-1E8
Stable
34303 Unassigned Stable
34320 Unassigned Stable
34321 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Ruminococcaceae Stable
34324
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;
D_5__Marinomonas Stable
34328
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhod
obium Stable
34332 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
34349 Unassigned Stable
34354 Unassigned Stable
34364 Unassigned Stable
34371 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
34383 Unassigned Stable
34386 Unassigned Stable
34389 Unassigned Stable
34400 Unassigned Sporadic
34409 Unassigned Stable
34418
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__P
seudahrensia Stable
34443
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__unc
ultured Stable
34453
D_0__Bacteria;D_1__Tenericutes;D_2__Mollicutes;D_3__Entomoplasmatales;D_4__Spiroplasmataceae;D_5__Spiro
plasma;D_6__Spiroplasma sp. crk;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
34485 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
34496 Unassigned Stable
34497 Unassigned Stable
34514 Unassigned Stable
34523 Unassigned Sporadic
34530 Unassigned Stable
34554

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
34564 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Gammaproteobacteria Incertae Sedis;D_4__Unknown Family;D_5__Arenicella Stable
34574
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae Stable
34576 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
34580 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__SWB04 Sporadic
34581 Unassigned Stable
34583
D_0__Bacteria;D_1__Nitrospirae;D_2__Nitrospira;D_3__Nitrospirales;D_4__Nitrospiraceae;D_5__Nitrospira;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
34594
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae Stable
34604
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
34615
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
34630
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
34636
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae Stable
34639
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Nitratireductor;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
34647 Unassigned Stable
34650 Unassigned Stable
34651
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5__Diaphorobacter Stable
34661 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__mitochondria Stable
34665 Unassigned Stable
34667
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI;D_5__uncultured Stable
34686 Unassigned Stable
34711 Unassigned Stable
34713 Unassigned Stable
34717 Unassigned Stable
34723 Unassigned Stable
34729 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
34757 Unassigned Stable
34762 Unassigned Stable
34768 Unassigned Stable

34774
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

34784
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__Nitrosococcus;D_6__unidentified bacterium wb1_P19;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

34797 Unassigned Stable

34810 Unassigned Stable

34814
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

34821 Unassigned Stable

34829 Unassigned Stable

34838 Unassigned Stable

34849
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Sphingomonadaceae;D_5__Novosphingobium Stable

34856
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales;D_4__Desulfobulbaceae;D_5__uncultured;D_6__uncultured delta proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

34876
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae Stable

34900 Unassigned Stable

34913
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

34916 Unassigned Stable

34942 Unassigned Stable

34956
D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;D_5__uncultured;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

34966 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae Sporadic

34974 Unassigned Sporadic

34993
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

34999
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Coxiella Stable

35009
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae Stable

35011 Unassigned Stable

35030
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae Stable

35031
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
 35040
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__uncultured Stable
 35059
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Cohaesibacter Stable
 35067 Unassigned Stable
 35091 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIV;D_4__FamilyI Stable
 35093 Unassigned Stable
 35097 Unassigned Stable
 35099
 D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae Stable
 35106 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Desulfobacterales Stable
 35112 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae Stable
 35113 Unassigned Stable
 35114 Unassigned Stable
 35125
 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
 35159 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
 35164
 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Propionibacteriales;D_4__Nocardioideaceae;D_5__Nocardioideae;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 35169 Unassigned Sporadic
 35194 Unassigned Stable
 35200
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
 35225
 D_0__Bacteria;D_1__Chloroflexi;D_2__Anaerolineae;D_3__Anaerolineales;D_4__Anaerolineaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 35230 Unassigned Sporadic
 35234 Unassigned Stable
 35239 Unassigned Stable
 35268
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__uncultured;D_5__uncultured bacterium;D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable
 35270
 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
 35273 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 35285
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae Stable
 35288
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__uncultured Stable
 35293
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

35295 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 35297 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 35308 D_0__Bacteria;D_1__Acidobacteria;D_2__Acidobacteria;D_3__Subgroup 4;D_4__Unknown
 Family;D_5__Blastocatella;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 35309 Unassigned Stable
 35313
 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
 35315
 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Lyngbya;D_6__
 uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 35317 Unassigned Sporadic
 35328
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__unc
 ultured;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 35332 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 35344
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__P
 seudahrensia Stable
 35354 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales Stable
 35364 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales Stable
 35366
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D
 _5__uncultured Stable
 35374 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIV;D_4__FamilyI Sporadic
 35390
 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micrococcales;D_4__Intrasporangiaceae;D_5__Orn
 ithinimicrobium Stable
 35399 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae
 Stable
 35405 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 35406
 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
 35437 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__uncultured;D_4__uncultured
 bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 35439 Unassigned Stable
 35442
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D
 _5__Pseudovibrio Stable
 35452 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 35457
 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
 35471 Unassigned Stable
 35474 D_0__Bacteria Stable
 35482 Unassigned Sporadic
 35498 Unassigned Stable
 35501 Unassigned Stable
 35510 D_0__Bacteria;D_1__Candidate division TM7;D_2__uncultured
 bacterium;D_3__;D_4__;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic

35529 Unassigned Stable
 35543 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 35545
 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
 35547
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Paracoccus;D_6__Paracoccus sp.
 BSw21443;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 35553
 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Sandaracinaceae
 Stable
 35583 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 35584 D_0__Bacteria;D_1__Candidate division TM7 Stable
 35599
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__Xanthomonadaceae Sporadic
 35630
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 35632 Unassigned Stable
 35647 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 35666 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 35683
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium;D_6__uncultured alpha
 proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 35685 Unassigned Stable
 35702
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Beijerinckiaceae;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
 35703 Unassigned Stable
 35708 Unassigned Stable
 35730 Unassigned Stable
 35743 Unassigned Stable
 35762 Unassigned Stable
 35768 Unassigned Stable
 35815 Unassigned Stable
 35820
 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Verrucomicrobiaceae;D_5__Roseibacillus Stable
 35821 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
 35828 Unassigned Stable
 35841 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
 35846 Unassigned Stable
 35847 Unassigned Stable
 35879 Unassigned Stable
 35895 Unassigned Sporadic
 35896 Unassigned Stable
 35905 Unassigned Stable
 35908 Unassigned Stable
 35913
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Vibrionales;D_4__Vibrionaceae;D_5__Vibri

o Stable

35927 Unassigned Stable

35930 Unassigned Stable

35943 Unassigned Stable

35960 Unassigned Stable

35981 Unassigned Stable

35996

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;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__ Sporadic

36015 Unassigned Stable

36022 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

36032

D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__Nitrosococcus;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

36044

D_0__Bacteria;D_1__Actinobacteria;D_2__Thermoleophilia;D_3__Gaiellales;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

36050

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

36051

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Sporadic

36053 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

36057 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales Stable

36080

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

36086 Unassigned Stable

36111 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured organism;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

36119 Unassigned Stable

36120

D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Sphingobacteriaceae;D_5__Sphingobacterium Stable

36147 Unassigned Stable

36157

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

36165

D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Cryomorphaceae;D_5__Fluvicola;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

36166

D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Mesorhizobium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

36181 Unassigned Stable

36182

D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Staphylococcaceae;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

36196 Unassigned Stable
36207
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__Ilumatobacter;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
36211 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29 Stable
36226
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
36234 Unassigned Stable
36235 D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Corynebacteriales Stable
36236 Unassigned Sporadic
36251 Unassigned Stable
36262 Unassigned Stable
36266 Unassigned Stable
36269
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadaceae;D_5__Pseudomonas Stable
36273 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
36309 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
36311
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Actibacterium Stable
36353 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI Stable
36355 Unassigned Stable
36357 Unassigned Stable
36380
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
36390
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
36393 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIV;D_4__FamilyI Stable
36413 Unassigned Stable
36422 Unassigned Stable
36430 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
36457
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable
36466 Unassigned Stable
36479
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Salinihabitans Stable
36487
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;D_5__Aestuariatobacter;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
36492 Unassigned Stable
36493 Unassigned Stable
36502 D_0__Bacteria;D_1__Proteobacteria Stable
36524
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Flag

ellimonas Sporadic
 36537 Unassigned Stable
 36552 Unassigned Stable
 36560 Unassigned Stable
 36564
 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
 36577
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Cytophagia;D_3__Cytophagales;D_4__Flammeovirgaceae;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
 36587 Unassigned Stable
 36601 Unassigned Stable
 36603 Unassigned Sporadic
 36607 Unassigned Stable
 36623
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Chromatiaceae;D_5__Nitrosococcus;D_6__unidentified bacterium wb1_P19;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 36625
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Coxiella Stable
 36628 Unassigned Stable
 36648 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__DB1-14;D_4__uncultured bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 36662 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 36667
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Ferrimonadaceae;D_5__Ferrimonas Stable
 36676 Unassigned Stable
 36680 Unassigned Stable
 36683
 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
 36689
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 36697 Unassigned Stable
 36699
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Roseovarius;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 36704 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 36713 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 36728 Unassigned Stable
 36740 Unassigned Stable
 36742
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Thiotrichales;D_4__Piscirickettsiaceae;D_5__Cycloclasticus;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 36749
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobiium;D_6__uncultured alpha proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

36759
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__uncultured Stable

36762 D_0__Bacteria;D_1__Firmicutes;D_2__OPB54;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

36771 Unassigned Stable

36788 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

36813 Unassigned Stable

36822 Unassigned Stable

36834
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae Sporadic

36841 Unassigned Stable

36843
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyI;D_5__Xenococcus;D_6__uncultured cyanobacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Sporadic

36861 D_0__Bacteria;D_1__Acidobacteria;D_2__Acidobacteria;D_3__Subgroup 6;D_4__uncultured bacterium;D_5__D_6__D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Sporadic

36904
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Bdellovibrionales;D_4__Bacteriovoracaceae;D_5__Peredibacter Stable

36925 Unassigned Stable

36940
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Thiotrichales;D_4__Thiotrichales Incertae Sedis;D_5__Candidatus Endoecteinascidia Stable

36942
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacteriales;D_4__Hyphomonadaceae Stable

36946 Unassigned Stable

36954 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae Stable

36966
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;D_5__Marinomonas Sporadic

36973 Unassigned Stable

36979 Unassigned Stable

36982 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

36983
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Peptococcaceae;D_5__uncultured;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

36985 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria Stable

37000
D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Bacillales;D_4__Staphylococcaceae;D_5__Staphylococcus;D_6__uncultured bacterium;D_7__D_8__D_9__D_10__D_11__D_12__D_13__D_14__D_15__D_16__ Stable

37011 Unassigned Stable

37072
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Legionellales;D_4__Coxiellaceae;D_5__Coxiella;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

37074 Unassigned Stable

37084 Unassigned Stable

37089 Unassigned Stable

37093
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Mur

icauda Sporadic
 37116 Unassigned Sporadic
 37130 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
 37150
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;
 D_5__Marinobacter Stable
 37156 Unassigned Stable
 37163
 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
 37210 Unassigned Stable
 37213 Unassigned Stable
 37215 Unassigned Stable
 37224 D_0__Bacteria;D_1__Acidobacteria;D_2__Holophagae;D_3__Subgroup 10;D_4__TK85;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
 37230 Unassigned Stable
 37251
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__Xanthomonadace
 ae Stable
 37255 Unassigned Stable
 37265 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
 37267 Unassigned Stable
 37288 Unassigned Stable
 37296
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteracea
 e;D_5__Altererythrobacter;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 37299
 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
 37321 Unassigned Sporadic
 37329
 D_0__Bacteria;D_1__Chloroflexi;D_2__Anaerolineae;D_3__Anaerolineales;D_4__Anaerolineaceae;D_5__uncultured
 ;D_6__uncultured organism;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Stable
 37341 Unassigned Stable
 37344 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 37350
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 37369
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 37373 Unassigned Stable
 37383 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Sh765B-TzT-29;D_4__uncultured
 delta
 proteobacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
 Sporadic
 37389 Unassigned Stable
 37410
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__
 Nitratireductor Sporadic
 37425 Unassigned Stable

37447
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

37449 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

37460
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Cryomorpaceae;D_5__Owenweeksia Stable

37464 Unassigned Stable

37470 Unassigned Stable

37473 Unassigned Stable

37479 Unassigned Stable

37485 Unassigned Stable

37494
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Hyphomonadaceae Stable

37496 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured alpha proteobacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

37500
D_0__Bacteria;D_1__Chloroflexi;D_2__Caldilineae;D_3__Caldilineales;D_4__Caldilineaceae;D_5__uncultured Stable

37502
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

37518 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Peptostreptococcaceae Stable

37520
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Microcoleus;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

37521 Unassigned Sporadic

37541 Unassigned Stable

37548 Unassigned Stable

37549
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Paracoccus Stable

37586 Unassigned Stable

37606 Unassigned Stable

37618 D_0__Bacteria;D_1__Proteobacteria Stable

37625 Unassigned Stable

37628
D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Micrococcales;D_4__Bogoriellaceae;D_5__Georginella;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

37632
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae Stable

37645 Unassigned Stable

37649
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae;D_5__Acidovorax Stable

37653 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales Stable

37663
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

37678
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Ectothiorhodospiraceae;D_5__Acidiferrobacter;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

37684 Unassigned Stable

37702
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionIII;D_4__FamilyI;D_5__Oscillatoria
Stable

37707
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

37709 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__EC3;D_4__uncultured gamma proteobacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

37710 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable

37721 Unassigned Stable

37738
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__uncultured
Stable

37751 Unassigned Stable

37766 Unassigned Sporadic

37774 D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Clostridiales;D_4__Lachnospiraceae Stable

37782 Unassigned Stable

37789 Unassigned Stable

37808 Unassigned Stable

37812
D_0__Bacteria;D_1__Firmicutes;D_2__Clostridia;D_3__Thermoanaerobacterales;D_4__Thermoanaerobacteraceae
Stable

37834
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Nitrosomonadales;D_4__Nitrosomonadaceae;D_5__Candidatus Branchiomonas;D_6__uncultured beta proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

37841
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
Stable

37848 Unassigned Sporadic

37850 Unassigned Stable

37852 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__0319-6G20
Stable

37862
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Ruegeria Stable

37868 Unassigned Stable

37881 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable

37893
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Sporadic

37916
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

37927 Unassigned Sporadic

37939
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

37948 Unassigned Stable

37952 Unassigned Stable
37953
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
37957 Unassigned Stable
37966
D_0__Bacteria;D_1__Proteobacteria;D_2__Epsilonproteobacteria;D_3__Campylobacterales;D_4__Campylobacteraceae;D_5__Arcobacter;D_6__uncultured epsilon
proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
37976 Unassigned Stable
37991
D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionII;D_4__FamilyII;D_5__Pleurocapsa
Sporadic
37998 Unassigned Stable
38007 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
38027
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
38030 Unassigned Stable
38053 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__OCS116 clade;D_4__uncultured
Mesorhizobium sp.;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
38055 Unassigned Stable
38057
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Salinisphaerales;D_4__Salinisphaeraceae;D_5__Salinisphaera;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
38064
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobia;D_3__Acidimicrobiales;D_4__uncultured;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
38069 Unassigned Stable
38071 Unassigned Stable
38084 Unassigned Stable
38089 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae
Stable
38090 Unassigned Stable
38099
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
38100
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Aliihoeflea
Stable
38107 Unassigned Sporadic
38108 Unassigned Stable
38113
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Rhodobiaceae;D_5__Rhodobium
Stable
38115 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__SAR324 clade(Marine group B);D_4__uncultured
bacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Sporadic
38120 Unassigned Stable
38121
D_0__Bacteria;D_1__Proteobacteria;D_2__Betaproteobacteria;D_3__Burkholderiales;D_4__Comamonadaceae

Stable
38132 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__OM182
clade Sporadic
38140
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__unc
cultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
38143 Unassigned Stable
38144 Unassigned Stable
38145 Unassigned Stable
38151
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Pseudomonadace
ae;D_5__Pseudomonas Stable
38201 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
38202
D_0__Bacteria;D_1__Actinobacteria;D_2__Actinobacteria;D_3__Frankiales;D_4__Acidothermaceae;D_5__Acidother
mus Stable
38210 D_0__Bacteria Stable
38213
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Magnetococcales;D_4__Magnetococcaceae;D
_5__Magnetococcus;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
38236 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria Stable
38238 Unassigned Stable
38248
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Sphingomonadales;D_4__Erythrobacteracea
e Stable
38249
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
38252 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae
Stable
38256 Unassigned Stable
38258 Unassigned Stable
38262 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__EC3;D_4__uncultured gamma
proteobacterium;D_5__;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
38284 Unassigned Stable
38302 Unassigned Stable
38319 Unassigned Stable
38332 Unassigned Stable
38335 Unassigned Stable
38338 Unassigned Stable
38360 Unassigned Stable
38375 D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria Stable
38377
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__Rickettsiaceae;D_5__unc
cultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
38402 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
38415 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales Stable
38418
D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae;D_5__Mari
bacter Stable

38419 Unassigned Stable
38425
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
38427 Unassigned Stable
38450 Unassigned Stable
38457 D_0__Bacteria;D_1__Chlorobi;D_2__Chlorobia;D_3__Chlorobiales;D_4__Chlorobiaceae Stable
38458
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Pseudomonadales;D_4__Moraxellaceae;D_5__
Psychrobacter;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
38464 Unassigned Stable
38477 Unassigned Sporadic
38489 Unassigned Stable
38498 Unassigned Stable
38514 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
38516 Unassigned Stable
38518 Unassigned Stable
38526 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
38528
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
38556
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodospirillales;D_4__Rhodospirillaceae;D_5__
uncultured Stable
38561 Unassigned Stable
38578
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
38589
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rickettsiales;D_4__Rickettsiaceae;D_5__Rick
ettsia;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__
Stable
38604
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__
Labrenzia Stable
38618
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
38626
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Haliangiaceae;D_5__Hali
angium Stable
38655 Unassigned Stable
38659 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
38708 Unassigned Stable
38717 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;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
38719 D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__P5D1-392;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable

38726 Unassigned Stable
 38732 Unassigned Stable
 38736 Unassigned Stable
 38741
 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
 38747 Unassigned Stable
 38753
 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Verrucomicrobiae;D_3__Verrucomicrobiales;D_4__Verrucomicrobiacea
 e Stable
 38758 Unassigned Stable
 38762 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 38763 Unassigned Stable
 38766
 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
 38782 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae
 Stable
 38790
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
 Stable
 38798
 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
 38805 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 38811 D_0__Bacteria Stable
 38818 Unassigned Stable
 38822 Unassigned Stable
 38854
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__
 Filomicrobium;D_6__uncultured
 bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 38861 Unassigned Stable
 38875 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Stable
 38881
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Saprospiraceae;D_5__P
 ortibacter;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
 38882
 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
 38891 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
 38914 Unassigned Stable
 38937
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Oceanospirillales;D_4__Oceanospirillaceae;
 D_5__Marinomonas Stable
 38944 D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;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
 38950
 D_0__Bacteria;D_1__Planctomycetes;D_2__Planctomycetacia;D_3__Planctomycetales;D_4__Planctomycetaceae;D_

5__uncultured;D_6__uncultured
bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
38957 Unassigned Stable
39016 Unassigned Stable
39018 Unassigned Stable
39033
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
39069
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Caulobacterales;D_4__Caulobacteraceae;D_5__Phenylobacterium;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
39103 Unassigned Sporadic
39115
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Beijerinckiaceae;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
39122 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria Sporadic
39124
D_0__Bacteria;D_1__Firmicutes;D_2__Bacilli;D_3__Lactobacillales;D_4__Aerococcaceae;D_5__uncultured Stable
39141 D_0__Bacteria;D_1__Proteobacteria;D_2__JTB23 Stable
39163 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales Stable
39169 Unassigned Stable
39192 Unassigned Stable
39199
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae;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
39209 Unassigned Stable
39210 Unassigned Stable
39222 Unassigned Stable
39242
D_0__Bacteria;D_1__Actinobacteria;D_2__Acidimicrobiia;D_3__Acidimicrobiales;D_4__Acidimicrobiaceae;D_5__uncultured Stable
39243
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae
Stable
39280
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Xanthomonadales;D_4__JTB255 marine benthic group;D_5__uncultured
bacterium;D_6__;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
39281
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Phyllobacteriaceae;D_5__Pseudahrensia Stable
39296 Unassigned Stable
39312 Unassigned Stable
39313
D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhizobiales;D_4__Hyphomicrobiaceae;D_5__Filomicrobium Stable
39350 Unassigned Stable
39353
D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Alteromonadales;D_4__Alteromonadaceae
Stable
39359 Unassigned Stable
39375
D_0__Bacteria;D_1__Proteobacteria;D_2__Deltaproteobacteria;D_3__Myxococcales;D_4__Sandaracinaceae
Stable

39380 Unassigned Stable
 39392 D_0__Bacteria;D_1__Verrucomicrobia;D_2__Opitutae Stable
 39397
 D_0__Bacteria;D_1__Bacteroidetes;D_2__Sphingobacteriia;D_3__Sphingobacteriales;D_4__Chitinophagaceae;D_5__uncultured Stable
 39411 Unassigned Sporadic
 39428
 D_0__Bacteria;D_1__Proteobacteria;D_2__Gammaproteobacteria;D_3__Chromatiales;D_4__Ectothiorhodospiraceae Stable
 39437 D_0__Bacteria;D_1__Cyanobacteria;D_2__Cyanobacteria;D_3__SubsectionI;D_4__FamilyI Stable
 39447 Unassigned Stable
 39462 D_0__Bacteria;D_1__Proteobacteria;D_2__TA18 Stable
 39474 Unassigned Stable
 39478
 D_0__Bacteria;D_1__Proteobacteria;D_2__Epsilonproteobacteria;D_3__Campylobacterales;D_4__Campylobacteraceae;D_5__Arcobacter;D_6__uncultured epsilon proteobacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 39481 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
 39492
 D_0__Bacteria;D_1__Proteobacteria;D_2__Alphaproteobacteria;D_3__Rhodobacterales;D_4__Rhodobacteraceae;D_5__Roseobacter clade NAC11-7 lineage;D_6__uncultured bacterium;D_7__;D_8__;D_9__;D_10__;D_11__;D_12__;D_13__;D_14__;D_15__;D_16__ Stable
 39503 Unassigned Stable
 39517 D_0__Bacteria;D_1__Bacteroidetes;D_2__Flavobacteriia;D_3__Flavobacteriales;D_4__Flavobacteriaceae Stable