**S1 Table. The taxonomical classification and abundance of all OTUs from RPM**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | RPM parallel samples | | |  |
| OTU\_ID | SPB1 | SPB2 | SPB3 | taxonomy |
| 1 | 1166 | 961 | 667 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Family\_XII; g\_\_Fusibacter |
| 2 | 52 | 65 | 19 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae |
| 3 | 406 | 555 | 615 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhizobiales; f\_\_A0839; Ambiguous\_taxa; Ambiguous\_taxa |
| 4 | 2002 | 60 | 541 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidales; f\_\_Porphyromonadaceae; g\_\_uncultured; s\_\_uncultured\_Bacteroidetes\_bacterium |
| 5 | 291 | 95 | 157 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Vibrionales; f\_\_Vibrionaceae; g\_\_Vibrio |
| 6 | 23 | 23 | 18 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast; o\_\_Euglena\_agilis; f\_\_Euglena\_agilis; g\_\_Euglena\_agilis; s\_\_Euglena\_agilis |
| 7 | 34 | 40 | 50 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_KI89A\_clade; f\_\_uncultured\_bacterium; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 8 | 97 | 112 | 104 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_Acidimicrobiaceae; g\_\_CL500\_29\_marine\_group; Ambiguous\_taxa |
| 9 | 8 | 3 | 2 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Oceanospirillales; f\_\_SS1\_B\_06\_26; g\_\_uncultured\_gamma\_proteobacterium; s\_\_uncultured\_gamma\_proteobacterium |
| 10 | 2810 | 2917 | 3292 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_SAR11\_clade; f\_\_LD12\_freshwater\_group; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 11 | 46 | 56 | 44 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Enterobacteriales; f\_\_Enterobacteriaceae; g\_\_Enterobacter |
| 12 | 28 | 12 | 19 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Cryomorphaceae; g\_\_Fluviicola |
| 13 | 1055 | 1202 | 1163 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_Frankiales; f\_\_Sporichthyaceae; g\_\_hgcI\_clade; s\_\_uncultured\_bacterium |
| 14 | 43 | 16 | 37 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidales; f\_\_Marinilabiaceae; g\_\_Marinifilum |
| 15 | 226 | 287 | 245 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_Acidimicrobiaceae; g\_\_CL500\_29\_marine\_group; Ambiguous\_taxa |
| 16 | 122 | 116 | 132 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_Acidimicrobiaceae; g\_\_CL500\_29\_marine\_group; Ambiguous\_taxa |
| 17 | 10 | 9 | 5 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_uncultured |
| 18 | 374 | 35 | 155 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Oceanospirillales; f\_\_Oceanospirillaceae; g\_\_Neptunomonas; Ambiguous\_taxa |
| 19 | 99 | 4 | 24 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Family\_XII; g\_\_Fusibacter |
| 20 | 218 | 237 | 227 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_Lewinella; Ambiguous\_taxa |
| 21 | 86 | 92 | 85 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae |
| 22 | 14 | 14 | 15 | k\_\_Bacteria; p\_\_Gemmatimonadetes; c\_\_Gemmatimonadetes; o\_\_Gemmatimonadales; f\_\_Gemmatimonadaceae; g\_\_Gemmatimonas; s\_\_uncultured\_bacterium |
| 23 | 163 | 5 | 30 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Family\_XII; g\_\_Fusibacter; s\_\_uncultured\_bacterium |
| 24 | 52 | 50 | 55 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Aeromonadales; f\_\_Aeromonadaceae; g\_\_Aeromonas; Ambiguous\_taxa |
| 25 | 122 | 234 | 88 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidales; f\_\_Marinilabiaceae; g\_\_Carboxylicivirga; s\_\_uncultured\_bacterium |
| 26 | 6 | 6 | 8 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Kordiimonadales; f\_\_Kordiimonadaceae; g\_\_Kordiimonas; s\_\_uncultured\_bacterium |
| 27 | 6 | 4 | 6 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_CWT\_CU03\_E12; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 28 | 50 | 57 | 56 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_Acidimicrobiaceae; g\_\_CL500\_29\_marine\_group |
| 29 | 308 | 377 | 367 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Xanthomonadales; f\_\_Xanthomonadales\_Incertae\_Sedis; g\_\_Acidibacter |
| 30 | 121 | 138 | 148 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_Phaeodactylibacter; s\_\_uncultured\_bacterium |
| 31 | 527 | 656 | 587 | k\_\_Bacteria; p\_\_Chlorobi; c\_\_Chlorobia; o\_\_Chlorobiales; f\_\_OPB56; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 32 | 49 | 56 | 65 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae |
| 33 | 40 | 26 | 6 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae; g\_\_uncultured; s\_\_Bacteroidetes\_bacterium\_T4\_KAD\_str1 |
| 34 | 11 | 23 | 25 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Alteromonadales; f\_\_Shewanellaceae; g\_\_Shewanella |
| 35 | 49 | 53 | 61 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria |
| 36 | 69 | 80 | 87 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Methylophilales; f\_\_Methylophilaceae; g\_\_OM43\_clade; s\_\_uncultured\_bacterium |
| 37 | 15 | 6 | 0 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Alteromonadales; f\_\_Alteromonadaceae |
| 38 | 5 | 12 | 8 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rickettsiales; f\_\_Mitochondria; g\_\_Nephroselmis\_olivacea; s\_\_Nephroselmis\_olivacea |
| 39 | 105 | 19 | 17 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Epsilonproteobacteria; o\_\_Campylobacterales; f\_\_Campylobacteraceae; g\_\_Arcobacter |
| 40 | 321 | 29 | 215 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Vibrionales; f\_\_Vibrionaceae; g\_\_Vibrio; s\_\_Vibrio\_vulnificus |
| 41 | 29 | 15 | 15 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales |
| 42 | 36 | 0 | 2 | k\_\_Bacteria; p\_\_Fusobacteria; c\_\_Fusobacteriia; o\_\_Fusobacteriales; f\_\_Fusobacteriaceae; g\_\_Fusobacterium |
| 43 | 70 | 1 | 7 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Erysipelotrichia; o\_\_Erysipelotrichales; f\_\_Erysipelotrichaceae |
| 44 | 916 | 114 | 245 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Epsilonproteobacteria; o\_\_Campylobacterales; f\_\_Campylobacteraceae; g\_\_Arcobacter; Ambiguous\_taxa |
| 45 | 73 | 5 | 36 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Family\_XII; g\_\_Fusibacter |
| 46 | 558 | 265 | 222 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Epsilonproteobacteria; o\_\_Campylobacterales; f\_\_Campylobacteraceae; g\_\_Arcobacter; Ambiguous\_taxa |
| 47 | 116 | 136 | 130 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_Acidimicrobiaceae |
| 48 | 160 | 234 | 96 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Epsilonproteobacteria; o\_\_Campylobacterales; f\_\_Helicobacteraceae; g\_\_Sulfurovum; s\_\_uncultured\_Sulfurovum\_sp. |
| 49 | 330 | 300 | 46 | k\_\_Bacteria; p\_\_CKC4; Ambiguous\_taxa; Ambiguous\_taxa; Ambiguous\_taxa; Ambiguous\_taxa; Ambiguous\_taxa |
| 50 | 16 | 25 | 18 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Oligoflexales; f\_\_Oligoflexaceae; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 51 | 79 | 19 | 53 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae |
| 52 | 303 | 383 | 421 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Vibrionales; f\_\_Vibrionaceae; g\_\_Vibrio |
| 53 | 240 | 274 | 252 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidetes\_VC2.1\_Bac22; Ambiguous\_taxa; Ambiguous\_taxa; Ambiguous\_taxa; Ambiguous\_taxa |
| 54 | 3 | 2 | 8 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhizobiales; f\_\_Bradyrhizobiaceae; g\_\_Rhodopseudomonas |
| 55 | 455 | 566 | 489 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_Phaeodactylibacter; s\_\_uncultured\_bacterium |
| 56 | 29 | 27 | 26 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_SPOTSOCT00m83 |
| 57 | 195 | 19 | 10 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Family\_XII; g\_\_Fusibacter; s\_\_uncultured\_bacterium |
| 58 | 4 | 1 | 3 | k\_\_Bacteria; p\_\_Tenericutes; c\_\_Mollicutes; o\_\_NB1\_n |
| 59 | 32 | 35 | 40 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_Frankiales; f\_\_Sporichthyaceae; g\_\_hgcI\_clade; s\_\_uncultured\_actinobacterium |
| 60 | 14 | 0 | 8 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodospirillales; f\_\_Rhodospirillaceae; g\_\_Candidatus\_Riegeria; s\_\_uncultured\_bacterium |
| 61 | 17 | 0 | 2 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidales; f\_\_Bacteroidaceae; g\_\_Bacteroides |
| 62 | 661 | 780 | 775 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Alcaligenaceae; g\_\_MWH\_UniP1\_aquatic\_group |
| 63 | 37 | 48 | 54 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Thermoleophilia; o\_\_Solirubrobacterales; f\_\_480\_2; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 64 | 153 | 194 | 190 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_PeM15; Ambiguous\_taxa; Ambiguous\_taxa; Ambiguous\_taxa |
| 65 | 83 | 110 | 109 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodospirillales; f\_\_Rhodospirillaceae; g\_\_Roseospirillum; s\_\_uncultured\_bacterium |
| 66 | 11 | 29 | 17 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_uncultured |
| 67 | 146 | 169 | 160 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae; g\_\_Tabrizicola; s\_\_uncultured\_bacterium |
| 68 | 50 | 37 | 39 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_NS11\_12\_marine\_group; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 69 | 90 | 109 | 114 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Burkholderiaceae; g\_\_Lautropia; Ambiguous\_taxa |
| 70 | 3 | 2 | 3 | k\_\_Bacteria; p\_\_Gemmatimonadetes; c\_\_Gemmatimonadetes; o\_\_Gemmatimonadales; f\_\_Gemmatimonadaceae; g\_\_uncultured |
| 71 | 87 | 128 | 148 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidales; f\_\_Marinilabiaceae; g\_\_Carboxylicivirga; s\_\_uncultured\_bacterium |
| 72 | 22 | 35 | 29 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bdellovibrionaceae; g\_\_OM27\_clade; s\_\_uncultured\_bacterium |
| 73 | 240 | 296 | 279 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_Frankiales; f\_\_Sporichthyaceae; g\_\_hgcI\_clade; s\_\_uncultured\_bacterium |
| 74 | 113 | 150 | 162 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Cytophagia; o\_\_Order\_III; f\_\_CK06\_06\_Mud\_MAS4B\_21; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 75 | 209 | 266 | 281 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Comamonadaceae; g\_\_Hydrogenophaga; Ambiguous\_taxa |
| 76 | 687 | 759 | 785 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_Micrococcales; f\_\_Microbacteriaceae; g\_\_Candidatus\_Aquiluna; s\_\_uncultured\_bacterium |
| 77 | 151 | 191 | 170 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_Frankiales; f\_\_Sporichthyaceae; g\_\_hgcI\_clade; s\_\_uncultured\_bacterium |
| 78 | 26 | 17 | 23 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_NS9\_marine\_group; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 79 | 41 | 25 | 47 | k\_\_Bacteria; p\_\_Chlorobi; c\_\_Chlorobia; o\_\_Chlorobiales; f\_\_OPB56; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 80 | 390 | 428 | 472 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_Acidimicrobiaceae; g\_\_CL500\_29\_marine\_group |
| 81 | 8 | 3 | 3 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Cryomorphaceae; g\_\_Owenweeksia |
| 82 | 18 | 8 | 10 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae |
| 83 | 145 | 180 | 174 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_uncultured; Ambiguous\_taxa |
| 84 | 255 | 237 | 281 | k\_\_Bacteria; p\_\_Chlorobi; c\_\_Chlorobia; o\_\_Chlorobiales; f\_\_OPB56 |
| 85 | 151 | 293 | 350 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Bacilli; o\_\_Bacillales; f\_\_Bacillaceae; g\_\_Bacillus; s\_\_Bacillus\_cereus |
| 86 | 51 | 4 | 9 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Family\_XII; g\_\_Fusibacter; s\_\_bioreactor\_metagenome |
| 87 | 77 | 158 | 193 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Bacilli; o\_\_Lactobacillales; f\_\_Streptococcaceae; g\_\_Lactococcus; s\_\_uncultured\_bacterium |
| 88 | 12 | 0 | 2 | k\_\_Bacteria; p\_\_Tenericutes; c\_\_Mollicutes |
| 89 | 108 | 13 | 12 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae; g\_\_Mesoflavibacter; Ambiguous\_taxa |
| 90 | 29 | 39 | 37 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Cytophagia; o\_\_Cytophagales; f\_\_Cyclobacteriaceae; g\_\_uncultured; Ambiguous\_taxa |
| 91 | 89 | 131 | 111 | k\_\_Bacteria; p\_\_Bacteroidetes |
| 92 | 38 | 4 | 20 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Oceanospirillales; f\_\_Oceanospirillaceae |
| 93 | 6 | 4 | 7 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Thiotrichales; f\_\_Thiotrichales\_Incertae\_Sedis; g\_\_Caedibacter; s\_\_Caedibacter\_taeniospiralis |
| 94 | 108 | 120 | 161 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhizobiales; f\_\_MNG7 |
| 95 | 28 | 35 | 34 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_uncultured |
| 96 | 6 | 10 | 11 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Chitinophagaceae; g\_\_uncultured |
| 97 | 251 | 277 | 263 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodospirillales; f\_\_Acetobacteraceae; g\_\_Roseomonas; s\_\_uncultured\_bacterium |
| 98 | 23 | 27 | 23 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Cytophagia; o\_\_Cytophagales; f\_\_Cytophagaceae; g\_\_uncultured |
| 99 | 11 | 12 | 30 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae; g\_\_Polaribacter; s\_\_Polaribacter\_gangjinensis |
| 100 | 189 | 9 | 4 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae; g\_\_Flavobacterium; s\_\_Flavobacterium\_dongtanense |
| 101 | 36 | 17 | 40 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidales; f\_\_Marinilabiaceae; g\_\_Marinifilum; Ambiguous\_taxa |
| 102 | 3 | 3 | 4 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae |
| 103 | 7 | 8 | 5 | k\_\_Bacteria; p\_\_Acidobacteria; c\_\_Holophagae; o\_\_Subgroup\_10; f\_\_ABS\_19; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 104 | 55 | 51 | 34 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae; g\_\_Actibacter; s\_\_uncultured\_Bacteroidetes\_bacterium |
| 105 | 30 | 8 | 16 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae; g\_\_Flavobacterium |
| 106 | 151 | 198 | 215 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae |
| 107 | 225 | 272 | 260 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_Acidimicrobiaceae; g\_\_CL500\_29\_marine\_group; s\_\_uncultured\_bacterium |
| 108 | 15 | 23 | 24 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Cryomorphaceae; g\_\_NS10\_marine\_group; s\_\_uncultured\_bacterium |
| 109 | 41 | 27 | 31 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_Micrococcales; f\_\_Microbacteriaceae; g\_\_Alpinimonas; s\_\_uncultured\_bacterium |
| 110 | 120 | 142 | 146 | k\_\_Bacteria; p\_\_Gemmatimonadetes; c\_\_Gemmatimonadetes; o\_\_Gemmatimonadales; f\_\_Gemmatimonadaceae; g\_\_Gemmatimonas |
| 111 | 7 | 18 | 14 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rickettsiales; f\_\_SM2D12; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 112 | 7 | 6 | 1 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Caulobacterales; f\_\_Hyphomonadaceae; g\_\_Woodsholea; s\_\_uncultured\_bacterium |
| 113 | 30 | 30 | 44 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Desulfuromonadales; f\_\_GR\_WP33\_58 |
| 114 | 214 | 180 | 214 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_PeM15; Ambiguous\_taxa; Ambiguous\_taxa; Ambiguous\_taxa |
| 115 | 46 | 58 | 60 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Chitinophagaceae; g\_\_Sediminibacterium; Ambiguous\_taxa |
| 116 | 80 | 104 | 112 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_uncultured; s\_\_uncultured\_Sphingobacteriales\_bacterium |
| 117 | 180 | 221 | 219 | k\_\_Bacteria; p\_\_Chlorobi; c\_\_Chlorobia; o\_\_Chlorobiales; f\_\_OPB56; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 118 | 47 | 55 | 54 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Chitinophagaceae; g\_\_uncultured; Ambiguous\_taxa |
| 119 | 44 | 55 | 63 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Alcaligenaceae; g\_\_GKS98\_freshwater\_group; s\_\_uncultured\_bacterium |
| 120 | 8 | 24 | 25 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bdellovibrionaceae; g\_\_Bdellovibrio; s\_\_uncultured\_bacterium |
| 121 | 25 | 14 | 5 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Order\_Incertae\_Sedis; f\_\_Family\_Incertae\_Sedis; g\_\_Marinicella; s\_\_uncultured\_bacterium |
| 122 | 62 | 96 | 62 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Desulfuromonadales; f\_\_GR\_WP33\_58; g\_\_uncultured\_bacterium\_GR\_WP33\_58; s\_\_uncultured\_bacterium\_GR\_WP33\_58 |
| 123 | 2 | 2 | 3 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast |
| 124 | 59 | 69 | 75 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Myxococcales; f\_\_Sandaracinaceae; g\_\_uncultured; s\_\_uncultured\_bacterium |
| 125 | 15 | 13 | 20 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhizobiales; f\_\_Hyphomicrobiaceae; g\_\_Pedomicrobium; s\_\_uncultured\_bacterium |
| 126 | 82 | 50 | 27 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Alteromonadales; f\_\_Alteromonadaceae; g\_\_Alteromonas |
| 127 | 41 | 45 | 37 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bdellovibrionaceae; g\_\_OM27\_clade; s\_\_uncultured\_bacterium |
| 128 | 80 | 98 | 81 | k\_\_Bacteria; p\_\_Acidobacteria; c\_\_Acidobacteria; o\_\_Subgroup\_3; f\_\_SJA\_149; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 129 | 12 | 17 | 14 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast |
| 130 | 504 | 607 | 567 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Comamonadaceae |
| 131 | 58 | 49 | 55 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast |
| 132 | 14 | 0 | 4 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Family\_XII; g\_\_Fusibacter; s\_\_uncultured\_bacterium |
| 133 | 17 | 20 | 15 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_Frankiales; f\_\_Sporichthyaceae; g\_\_hgcI\_clade |
| 134 | 18 | 1 | 17 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae |
| 135 | 100 | 83 | 85 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae |
| 136 | 20 | 18 | 22 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodospirillales; f\_\_Acetobacteraceae; g\_\_Roseomonas; s\_\_uncultured\_bacterium |
| 137 | 22 | 17 | 29 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Myxococcales; f\_\_Blfdi19 |
| 138 | 7 | 10 | 7 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_ML635J\_21; o\_\_uncultured\_bacterium; f\_\_uncultured\_bacterium; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 139 | 139 | 165 | 147 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Comamonadaceae |
| 140 | 45 | 57 | 43 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Comamonadaceae |
| 141 | 7 | 15 | 16 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bacteriovoracaceae; g\_\_Peredibacter; s\_\_uncultured\_bacterium |
| 142 | 35 | 32 | 32 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Chitinophagaceae; g\_\_uncultured |
| 143 | 14 | 22 | 25 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Nitriliruptoria; o\_\_Nitriliruptorales; f\_\_Nitriliruptoraceae; g\_\_Nitriliruptor |
| 144 | 9 | 4 | 2 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Cytophagia; o\_\_Cytophagales; f\_\_Flammeovirgaceae; g\_\_Fabibacter; Ambiguous\_taxa |
| 145 | 84 | 77 | 106 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Methylophilales; f\_\_Methylophilaceae; g\_\_LD28\_freshwater\_group |
| 146 | 132 | 173 | 169 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Cytophagia; o\_\_Order\_III; f\_\_CK06\_06\_Mud\_MAS4B\_21 |
| 147 | 12 | 8 | 15 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Myxococcales; f\_\_Cystobacteraceae; g\_\_Anaeromyxobacter; s\_\_uncultured\_bacterium |
| 148 | 12 | 3 | 3 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales |
| 149 | 18 | 35 | 26 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Methylophilales; f\_\_Methylophilaceae |
| 150 | 261 | 255 | 237 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Cytophagia; o\_\_Cytophagales; f\_\_Cyclobacteriaceae |
| 151 | 106 | 55 | 39 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae; g\_\_uncultured |
| 152 | 29 | 11 | 11 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_Acidimicrobiaceae; g\_\_Illumatobacter; Ambiguous\_taxa |
| 153 | 76 | 67 | 54 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhizobiales |
| 154 | 90 | 146 | 132 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodospirillales; f\_\_I\_10; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 155 | 1 | 2 | 0 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae |
| 156 | 24 | 7 | 21 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_NS11\_12\_marine\_group; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 157 | 68 | 8 | 8 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Oceanospirillales; f\_\_Oceanospirillaceae |
| 158 | 31 | 34 | 28 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast |
| 159 | 14 | 19 | 21 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_TA18 |
| 160 | 28 | 24 | 20 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Cytophagia; o\_\_Order\_III; f\_\_BIgi5; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 161 | 42 | 77 | 51 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Cyanobacteria; o\_\_SubsectionI; f\_\_FamilyI |
| 162 | 41 | 47 | 56 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_TA18; o\_\_uncultured\_bacterium; f\_\_uncultured\_bacterium; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 163 | 33 | 6 | 1 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidales; f\_\_Marinilabiaceae; g\_\_Marinifilum; s\_\_uncultured\_bacterium |
| 164 | 98 | 123 | 97 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Comamonadaceae |
| 165 | 15 | 25 | 18 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Alteromonadales; f\_\_Pseudoalteromonadaceae; g\_\_Pseudoalteromonas; Ambiguous\_taxa |
| 166 | 34 | 68 | 58 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_GR\_WP33\_30 |
| 167 | 1 | 2 | 0 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_SAR11\_clade; Ambiguous\_taxa; Ambiguous\_taxa; Ambiguous\_taxa |
| 168 | 31 | 21 | 22 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_Acidimicrobiaceae |
| 169 | 37 | 24 | 33 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae |
| 170 | 27 | 3 | 12 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Desulfobacterales; f\_\_Desulfobulbaceae |
| 171 | 68 | 1 | 48 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidia\_Incertae\_Sedis; f\_\_Prolixibacteraceae; g\_\_Prolixibacter; Ambiguous\_taxa |
| 172 | 38 | 22 | 33 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Chitinophagaceae; g\_\_uncultured; s\_\_uncultured\_bacterium |
| 173 | 11 | 9 | 3 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae |
| 174 | 21 | 19 | 22 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Cytophagia; o\_\_Order\_III; f\_\_CK06\_06\_Mud\_MAS4B\_21; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 175 | 123 | 162 | 149 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_NS9\_marine\_group; Ambiguous\_taxa; Ambiguous\_taxa |
| 176 | 16 | 15 | 18 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodospirillales; f\_\_Rhodospirillaceae; g\_\_Insolitispirillum |
| 177 | 70 | 78 | 80 | k\_\_Bacteria; p\_\_Gemmatimonadetes; c\_\_Gemmatimonadetes; o\_\_Gemmatimonadales; f\_\_Gemmatimonadaceae |
| 178 | 53 | 53 | 82 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Family\_XII; g\_\_Fusibacter; s\_\_uncultured\_bacterium |
| 179 | 6 | 7 | 4 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Sphingomonadales; f\_\_Sphingomonadaceae; g\_\_Sphingomonas; s\_\_unidentified\_marine\_bacterioplankton |
| 180 | 119 | 125 | 122 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae |
| 181 | 13 | 0 | 1 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Peptostreptococcaceae; g\_\_Proteocatella; s\_\_uncultured\_bacterium |
| 182 | 4 | 6 | 0 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Cryomorphaceae; g\_\_Fluviicola |
| 183 | 3 | 0 | 1 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Lachnospiraceae |
| 184 | 6 | 5 | 7 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Hydrogenophilales; f\_\_Hydrogenophilaceae; g\_\_uncultured; s\_\_uncultured\_beta\_proteobacterium |
| 185 | 40 | 50 | 42 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Desulfuromonadales |
| 186 | 19 | 40 | 32 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Desulfuromonadales; f\_\_GR\_WP33\_58 |
| 187 | 95 | 108 | 119 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Comamonadaceae |
| 188 | 42 | 7 | 5 | k\_\_Bacteria; p\_\_Bacteroidetes |
| 189 | 104 | 151 | 176 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Nitrosomonadales; f\_\_Nitrosomonadaceae; g\_\_uncultured |
| 190 | 12 | 15 | 21 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Bacilli; o\_\_Lactobacillales; f\_\_Enterococcaceae; g\_\_Enterococcus; Ambiguous\_taxa |
| 191 | 130 | 144 | 172 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Caulobacterales; f\_\_Hyphomonadaceae; g\_\_Hyphomonas; Ambiguous\_taxa |
| 192 | 16 | 0 | 7 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidetes\_VC2.1\_Bac22 |
| 193 | 35 | 47 | 39 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Pseudomonadales; f\_\_Pseudomonadaceae; g\_\_Pseudomonas |
| 194 | 3 | 1 | 3 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria |
| 195 | 98 | 110 | 117 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_Frankiales; f\_\_Sporichthyaceae; g\_\_hgcI\_clade |
| 196 | 51 | 81 | 88 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rickettsiales; f\_\_Rickettsiaceae; g\_\_uncultured; Ambiguous\_taxa |
| 197 | 17 | 24 | 34 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_NS9\_marine\_group; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 198 | 60 | 49 | 56 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Cyanobacteria; o\_\_SubsectionI; f\_\_FamilyI; g\_\_Synechococcus; Ambiguous\_taxa |
| 199 | 106 | 115 | 132 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_NS11\_12\_marine\_group; g\_\_uncultured\_Sphingobacterium\_sp.; s\_\_uncultured\_Sphingobacterium\_sp. |
| 200 | 132 | 113 | 106 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_Acidimicrobiaceae; g\_\_CL500\_29\_marine\_group; Ambiguous\_taxa |
| 201 | 19 | 17 | 17 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast; o\_\_Porphyridium\_purpureum; f\_\_Porphyridium\_purpureum; g\_\_Porphyridium\_purpureum; s\_\_Porphyridium\_purpureum |
| 202 | 28 | 45 | 41 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae; g\_\_Flavobacterium |
| 203 | 33 | 29 | 41 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Pseudomonadales; f\_\_Moraxellaceae; g\_\_Acinetobacter |
| 204 | 14 | 28 | 27 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_Sva0996\_marine\_group; Ambiguous\_taxa; Ambiguous\_taxa |
| 205 | 79 | 16 | 15 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidia\_Incertae\_Sedis; f\_\_Draconibacteriaceae; g\_\_Draconibacterium; s\_\_uncultured\_bacterium |
| 206 | 28 | 37 | 35 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_Frankiales; f\_\_Sporichthyaceae; g\_\_hgcI\_clade |
| 207 | 18 | 21 | 13 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Caulobacterales; f\_\_Hyphomonadaceae; g\_\_Hirschia; s\_\_uncultured\_bacterium |
| 208 | 20 | 0 | 2 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Lachnospiraceae |
| 209 | 7 | 11 | 9 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_Bifidobacteriales; f\_\_Bifidobacteriaceae; g\_\_Bifidobacterium; Ambiguous\_taxa |
| 210 | 176 | 224 | 225 | k\_\_Bacteria; p\_\_Chlorobi; c\_\_Chlorobia; o\_\_Chlorobiales; f\_\_OPB56; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 211 | 46 | 56 | 40 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bdellovibrionaceae; g\_\_OM27\_clade; s\_\_uncultured\_bacterium |
| 212 | 98 | 115 | 100 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Cryomorphaceae; g\_\_Owenweeksia; s\_\_uncultured\_bacterium |
| 213 | 124 | 157 | 175 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_Haliscomenobacter; s\_\_uncultured\_bacterium |
| 214 | 35 | 49 | 55 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_env.OPS\_17 |
| 215 | 29 | 42 | 43 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_uncultured |
| 216 | 22 | 28 | 20 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Chitinophagaceae |
| 217 | 11 | 7 | 24 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_Acidimicrobiaceae; g\_\_CL500\_29\_marine\_group |
| 218 | 10 | 17 | 12 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rickettsiales; f\_\_Rickettsiaceae |
| 219 | 9 | 19 | 11 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria |
| 220 | 27 | 28 | 40 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Enterobacteriales; f\_\_Enterobacteriaceae; g\_\_Morganella; s\_\_uncultured\_bacterium |
| 221 | 14 | 16 | 23 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodospirillales; f\_\_Rhodospirillales\_Incertae\_Sedis; g\_\_Elioraea |
| 222 | 11 | 20 | 12 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast |
| 223 | 31 | 0 | 0 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodospirillales; f\_\_Rhodospirillaceae; g\_\_Thalassospira; s\_\_uncultured\_Epulopiscium\_sp. |
| 224 | 19 | 26 | 31 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast |
| 225 | 53 | 16 | 8 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Alteromonadales; f\_\_Shewanellaceae; g\_\_Shewanella |
| 226 | 36 | 40 | 38 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria |
| 227 | 12 | 12 | 13 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Caulobacterales; f\_\_Hyphomonadaceae |
| 228 | 41 | 40 | 42 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_Frankiales; f\_\_Sporichthyaceae; g\_\_hgcI\_clade; Ambiguous\_taxa |
| 229 | 17 | 21 | 10 | k\_\_Bacteria; p\_\_Gracilibacteria; c\_\_uncultured\_epsilon\_proteobacterium; o\_\_uncultured\_epsilon\_proteobacterium; f\_\_uncultured\_epsilon\_proteobacterium; g\_\_uncultured\_epsilon\_proteobacterium; s\_\_uncultured\_epsilon\_proteobacterium |
| 230 | 67 | 67 | 80 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Cryomorphaceae; g\_\_Fluviicola; s\_\_uncultured\_Flexibacter\_sp. |
| 231 | 21 | 2 | 31 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Oceanospirillales; f\_\_Oceanospirillaceae; g\_\_Marinobacterium; s\_\_uncultured\_Marinobacterium\_sp. |
| 232 | 53 | 35 | 13 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae |
| 233 | 61 | 54 | 52 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_34P16; f\_\_gamma\_proteobacterium\_HdN1; g\_\_gamma\_proteobacterium\_HdN1; s\_\_gamma\_proteobacterium\_HdN1 |
| 234 | 55 | 103 | 81 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Comamonadaceae |
| 235 | 38 | 33 | 39 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Methylophilales; f\_\_Methylophilaceae |
| 236 | 55 | 85 | 90 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Comamonadaceae |
| 237 | 35 | 51 | 40 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_uncultured; Ambiguous\_taxa; Ambiguous\_taxa |
| 238 | 53 | 77 | 73 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Burkholderiaceae; g\_\_Polynucleobacter; Ambiguous\_taxa |
| 239 | 103 | 142 | 181 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_TA18 |
| 240 | 26 | 15 | 22 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Cryomorphaceae; g\_\_Fluviicola; s\_\_uncultured\_bacterium |
| 241 | 66 | 64 | 87 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Desulfuromonadales; f\_\_GR\_WP33\_58; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 242 | 26 | 26 | 39 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Cryomorphaceae; g\_\_Owenweeksia; Ambiguous\_taxa |
| 243 | 10 | 3 | 7 | k\_\_Bacteria; p\_\_Bacteroidetes |
| 244 | 6 | 5 | 8 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Sphingobacteriaceae; g\_\_Solitalea; s\_\_uncultured\_bacterium |
| 245 | 3 | 0 | 3 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Ruminococcaceae; g\_\_Subdoligranulum; s\_\_uncultured\_bacterium |
| 246 | 24 | 41 | 20 | k\_\_Bacteria; p\_\_Bacteroidetes |
| 247 | 70 | 96 | 89 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_uncultured |
| 248 | 30 | 35 | 30 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Caulobacterales; f\_\_Hyphomonadaceae; g\_\_Woodsholea; s\_\_uncultured\_bacterium |
| 249 | 34 | 0 | 5 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Oceanospirillales; f\_\_Oceanospirillaceae; g\_\_Neptuniibacter; Ambiguous\_taxa |
| 250 | 36 | 16 | 14 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae |
| 251 | 12 | 12 | 8 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_LiUU\_11\_161; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 252 | 9 | 10 | 12 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Nitriliruptoria; o\_\_Nitriliruptorales; f\_\_Nitriliruptoraceae; g\_\_Nitriliruptor; s\_\_uncultured\_bacterium |
| 253 | 63 | 80 | 80 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_uncultured |
| 254 | 36 | 45 | 61 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Chitinophagaceae; g\_\_uncultured; s\_\_uncultured\_marine\_bacterium |
| 255 | 35 | 49 | 52 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodospirillales; f\_\_Acetobacteraceae |
| 256 | 35 | 30 | 36 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_uncultured |
| 257 | 44 | 49 | 47 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_NS11\_12\_marine\_group; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 258 | 33 | 68 | 57 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae |
| 259 | 18 | 17 | 10 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast; o\_\_Euglena\_agilis; f\_\_Euglena\_agilis; g\_\_Euglena\_agilis; s\_\_Euglena\_agilis |
| 260 | 12 | 13 | 19 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bacteriovoracaceae; g\_\_Peredibacter; Ambiguous\_taxa |
| 261 | 1 | 1 | 6 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_DB1\_14 |
| 262 | 12 | 13 | 24 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_NS11\_12\_marine\_group; Ambiguous\_taxa; Ambiguous\_taxa |
| 263 | 53 | 16 | 95 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae; g\_\_Nautella; s\_\_uncultured\_bacterium |
| 264 | 24 | 43 | 40 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidales; f\_\_Marinilabiaceae; g\_\_Carboxylicivirga |
| 265 | 30 | 42 | 28 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Alcaligenaceae; g\_\_uncultured |
| 266 | 39 | 38 | 48 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Sphingomonadales; f\_\_Sphingomonadaceae |
| 267 | 21 | 30 | 30 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Chromatiales; f\_\_Chromatiaceae; g\_\_Rheinheimera; s\_\_uncultured\_Rheinheimera\_sp. |
| 268 | 39 | 2 | 0 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Family\_XII; g\_\_Fusibacter; s\_\_uncultured\_bacterium |
| 269 | 76 | 3 | 59 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Oceanospirillales; f\_\_Oceanospirillaceae; g\_\_Marinobacterium; Ambiguous\_taxa |
| 270 | 14 | 24 | 23 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhizobiales |
| 271 | 5 | 0 | 7 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales |
| 272 | 76 | 92 | 98 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_Candidatus\_Aquirestis; s\_\_uncultured\_bacterium |
| 273 | 32 | 39 | 41 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Cytophagia; o\_\_Cytophagales; f\_\_Cyclobacteriaceae; g\_\_Algoriphagus |
| 274 | 2 | 8 | 6 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rickettsiales; f\_\_Mitochondria; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 275 | 4 | 2 | 0 | k\_\_Bacteria; p\_\_Fibrobacteres; c\_\_Fibrobacteria; o\_\_Fibrobacterales; f\_\_Fibrobacteraceae; g\_\_uncultured; s\_\_uncultured\_Fibrobacteres\_bacterium |
| 276 | 5 | 7 | 11 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_SZB30; Ambiguous\_taxa; Ambiguous\_taxa; Ambiguous\_taxa |
| 277 | 13 | 14 | 16 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Myxococcales; f\_\_P3OB\_42 |
| 278 | 10 | 19 | 25 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bdellovibrionaceae; g\_\_OM27\_clade; s\_\_uncultured\_bacterium |
| 279 | 27 | 17 | 15 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae; g\_\_Flavobacterium |
| 280 | 7 | 7 | 9 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Burkholderiaceae; g\_\_Cupriavidus |
| 281 | 14 | 30 | 24 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_uncultured |
| 282 | 54 | 63 | 76 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Burkholderiaceae; g\_\_Lautropia; Ambiguous\_taxa |
| 283 | 9 | 13 | 17 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_SAR11\_clade; f\_\_Chesapeake\_Delaware\_Bay; Ambiguous\_taxa; Ambiguous\_taxa |
| 284 | 39 | 56 | 50 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Cytophagia; o\_\_Cytophagales; f\_\_Cyclobacteriaceae |
| 285 | 92 | 129 | 106 | k\_\_Bacteria; p\_\_Bacteroidetes |
| 286 | 37 | 55 | 46 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast; o\_\_Euglenaria\_anabaena; f\_\_Euglenaria\_anabaena; g\_\_Euglenaria\_anabaena; s\_\_Euglenaria\_anabaena |
| 287 | 4 | 0 | 0 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Thiotrichales; f\_\_Thiotrichaceae; g\_\_uncultured |
| 288 | 41 | 46 | 64 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bdellovibrionaceae; g\_\_Bdellovibrio; s\_\_uncultured\_organism |
| 289 | 12 | 12 | 16 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_NS9\_marine\_group; g\_\_uncultured\_Flavobacteriales\_bacterium; s\_\_uncultured\_Flavobacteriales\_bacterium |
| 290 | 65 | 44 | 57 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Alcaligenaceae; g\_\_MWH\_UniP1\_aquatic\_group; s\_\_marine\_metagenome |
| 291 | 22 | 7 | 5 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Xanthomonadales; f\_\_JTB255\_marine\_benthic\_group |
| 292 | 17 | 25 | 24 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Caulobacterales; f\_\_Caulobacteraceae; g\_\_Brevundimonas; Ambiguous\_taxa |
| 293 | 2 | 0 | 0 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_uncultured |
| 294 | 13 | 16 | 11 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodospirillales; f\_\_I\_10; g\_\_alpha\_proteobacterium\_P\_4; s\_\_alpha\_proteobacterium\_P\_4 |
| 295 | 10 | 0 | 4 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Family\_XII; g\_\_Fusibacter; s\_\_uncultured\_bacterium |
| 296 | 21 | 3 | 12 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Vibrionales; f\_\_Vibrionaceae; g\_\_Vibrio; s\_\_Vibrio\_vulnificus |
| 297 | 22 | 15 | 26 | k\_\_Bacteria; p\_\_Gemmatimonadetes; c\_\_Gemmatimonadetes; o\_\_Gemmatimonadales; f\_\_Gemmatimonadaceae; g\_\_Gemmatimonas; s\_\_uncultured\_bacterium |
| 298 | 10 | 25 | 13 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Caulobacterales; f\_\_Hyphomonadaceae |
| 299 | 33 | 60 | 69 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Nitriliruptoria; o\_\_Nitriliruptorales; f\_\_Nitriliruptoraceae; g\_\_Nitriliruptor |
| 300 | 6 | 3 | 1 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_uncultured |
| 301 | 14 | 15 | 13 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bdellovibrionaceae; g\_\_OM27\_clade |
| 302 | 29 | 33 | 37 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria |
| 303 | 23 | 27 | 51 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_Acidimicrobiaceae; g\_\_CL500\_29\_marine\_group; s\_\_uncultured\_bacterium |
| 304 | 6 | 2 | 4 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_Phaeodactylibacter; s\_\_uncultured\_bacterium |
| 305 | 21 | 30 | 29 | k\_\_Bacteria; p\_\_Chlorobi; c\_\_Chlorobia; o\_\_Chlorobiales; f\_\_OPB56; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 306 | 25 | 56 | 37 | k\_\_Bacteria; p\_\_Bacteroidetes |
| 307 | 6 | 8 | 6 | k\_\_Bacteria; p\_\_Bacteroidetes |
| 308 | 13 | 17 | 21 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Oligoflexales; f\_\_Oligoflexaceae |
| 309 | 8 | 2 | 1 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Alteromonadales; f\_\_Alteromonadaceae; g\_\_Marinobacter; s\_\_Marinobacter\_hydrocarbonoclasticus |
| 310 | 30 | 28 | 26 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae; g\_\_NS3a\_marine\_group; Ambiguous\_taxa |
| 311 | 28 | 24 | 36 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_NS11\_12\_marine\_group; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 312 | 18 | 31 | 34 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bdellovibrionaceae; g\_\_OM27\_clade; s\_\_uncultured\_bacterium |
| 313 | 7 | 6 | 7 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rickettsiales |
| 314 | 11 | 9 | 10 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Desulfuromonadales; f\_\_GR\_WP33\_58; Ambiguous\_taxa; Ambiguous\_taxa |
| 315 | 11 | 11 | 9 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Comamonadaceae |
| 316 | 9 | 20 | 14 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_LiUU\_11\_161 |
| 317 | 26 | 24 | 22 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae |
| 318 | 5 | 3 | 0 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast; o\_\_Monoraphidium\_neglectum; f\_\_Monoraphidium\_neglectum; g\_\_Monoraphidium\_neglectum; s\_\_Monoraphidium\_neglectum |
| 319 | 7 | 15 | 15 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Cytophagia; o\_\_Order\_III; f\_\_uncultured |
| 320 | 57 | 71 | 77 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_Frankiales; f\_\_Sporichthyaceae; Ambiguous\_taxa; Ambiguous\_taxa |
| 321 | 13 | 10 | 22 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Sphingomonadales; f\_\_Sphingomonadaceae; g\_\_Zymomonas; Ambiguous\_taxa |
| 322 | 6 | 2 | 3 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhizobiales; f\_\_Rhodobiaceae; g\_\_Anderseniella; Ambiguous\_taxa |
| 323 | 5 | 8 | 8 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast |
| 324 | 15 | 1 | 2 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Oceanospirillales; f\_\_Oceanospirillaceae; g\_\_Neptuniibacter; Ambiguous\_taxa |
| 325 | 7 | 17 | 15 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Alteromonadales; f\_\_Alteromonadaceae; g\_\_Salinimonas; Ambiguous\_taxa |
| 326 | 19 | 30 | 30 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Comamonadaceae; g\_\_Sphaerotilus |
| 327 | 41 | 0 | 9 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Family\_XII; g\_\_Fusibacter |
| 328 | 14 | 13 | 22 | k\_\_Bacteria; p\_\_Gemmatimonadetes; c\_\_Gemmatimonadetes; o\_\_Gemmatimonadales; f\_\_Gemmatimonadaceae; g\_\_uncultured; s\_\_uncultured\_bacterium |
| 329 | 25 | 17 | 14 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Thermoleophilia; o\_\_Solirubrobacterales; f\_\_480\_2 |
| 330 | 9 | 10 | 12 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria |
| 331 | 62 | 66 | 72 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_Acidimicrobiaceae |
| 332 | 29 | 46 | 42 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Burkholderiaceae; g\_\_Limnobacter; s\_\_uncultured\_bacterium |
| 333 | 3 | 0 | 0 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_uncultured |
| 334 | 13 | 40 | 9 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Sphingomonadales; f\_\_Erythrobacteraceae |
| 335 | 4 | 1 | 3 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Epsilonproteobacteria; o\_\_Campylobacterales; f\_\_Campylobacteraceae; g\_\_Arcobacter |
| 336 | 27 | 53 | 36 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast; o\_\_uncultured\_bacterium; f\_\_uncultured\_bacterium; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 337 | 7 | 0 | 6 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Alteromonadales; f\_\_Ferrimonadaceae; g\_\_Ferrimonas; Ambiguous\_taxa |
| 338 | 41 | 27 | 44 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_NS11\_12\_marine\_group |
| 339 | 18 | 19 | 24 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales |
| 340 | 11 | 0 | 0 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bacteriovoracaceae; g\_\_Peredibacter |
| 341 | 31 | 42 | 35 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_Corynebacteriales; f\_\_Mycobacteriaceae; g\_\_Mycobacterium; s\_\_uncultured\_actinobacterium |
| 342 | 9 | 15 | 12 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Cellvibrionales; f\_\_Spongiibacteraceae; g\_\_BD1\_7\_clade; s\_\_uncultured\_bacterium |
| 343 | 2 | 1 | 0 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Oceanospirillales; f\_\_Oceanospirillaceae; g\_\_Amphritea |
| 344 | 19 | 1 | 5 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidales; f\_\_Bacteroidaceae; g\_\_Bacteroides |
| 345 | 29 | 10 | 21 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Cryomorphaceae |
| 346 | 4 | 0 | 5 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Sphingobacteriaceae; g\_\_Sphingobacterium |
| 347 | 26 | 44 | 36 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Cyanobacteria; o\_\_SubsectionIII; f\_\_FamilyI; g\_\_Romeria\_sp.\_KLL\_H\_201; s\_\_Romeria\_sp.\_KLL\_H\_201 |
| 348 | 31 | 34 | 26 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_NS11\_12\_marine\_group |
| 349 | 4 | 3 | 6 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bacteriovoracaceae; g\_\_Peredibacter |
| 350 | 14 | 9 | 7 | k\_\_Bacteria; p\_\_Bacteroidetes |
| 351 | 21 | 10 | 8 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Acidimicrobiia; o\_\_Acidimicrobiales; f\_\_Acidimicrobiales\_Incertae\_Sedis; g\_\_Candidatus\_Microthrix; s\_\_uncultured\_bacterium |
| 352 | 42 | 45 | 58 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Chitinophagaceae; g\_\_uncultured |
| 353 | 38 | 62 | 72 | k\_\_Bacteria; p\_\_Gemmatimonadetes; c\_\_Gemmatimonadetes; o\_\_Gemmatimonadales; f\_\_Gemmatimonadaceae; g\_\_Gemmatimonas; s\_\_uncultured\_Gemmatimonas\_sp. |
| 354 | 28 | 47 | 36 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast |
| 355 | 5 | 9 | 12 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_34P16 |
| 356 | 22 | 35 | 56 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae; g\_\_Flavobacterium |
| 357 | 4 | 0 | 0 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Cryomorphaceae; g\_\_Fluviicola |
| 358 | 5 | 8 | 4 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae; g\_\_Labrenzia; Ambiguous\_taxa |
| 359 | 14 | 19 | 6 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Cryomorphaceae; g\_\_Fluviicola |
| 360 | 27 | 39 | 26 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Pseudomonadales; f\_\_Moraxellaceae; g\_\_Acinetobacter |
| 361 | 14 | 13 | 9 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodospirillales; f\_\_Rhodospirillaceae |
| 362 | 2 | 0 | 4 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Cytophagia; o\_\_Cytophagales |
| 363 | 13 | 10 | 16 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales |
| 364 | 11 | 1 | 1 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Cryomorphaceae; g\_\_Lishizhenia; s\_\_Lishizhenia\_tianjinensis |
| 365 | 24 | 22 | 21 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_TA18 |
| 366 | 18 | 20 | 25 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_NS9\_marine\_group; g\_\_uncultured\_Bacteroidetes\_bacterium; s\_\_uncultured\_Bacteroidetes\_bacterium |
| 367 | 11 | 0 | 2 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodospirillales; f\_\_Rhodospirillaceae; g\_\_Thalassospira |
| 368 | 39 | 30 | 53 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Oceanospirillales; f\_\_Oceanospirillaceae; g\_\_Pseudospirillum |
| 369 | 30 | 20 | 28 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_Haliscomenobacter; s\_\_uncultured\_bacterium |
| 370 | 10 | 18 | 16 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Xanthomonadales; f\_\_Xanthomonadaceae; g\_\_Aquimonas; Ambiguous\_taxa |
| 371 | 12 | 13 | 13 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_TA18; o\_\_uncultured\_bacterium; f\_\_uncultured\_bacterium; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 372 | 15 | 10 | 10 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodospirillales; f\_\_Acetobacteraceae; g\_\_Stella; Ambiguous\_taxa |
| 373 | 3 | 1 | 1 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Oceanospirillales; f\_\_Oceanospirillaceae; g\_\_Marinobacterium |
| 374 | 9 | 5 | 8 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Desulfuromonadales; f\_\_GR\_WP33\_58; g\_\_uncultured\_Desulfuromonadales\_bacterium; s\_\_uncultured\_Desulfuromonadales\_bacterium |
| 375 | 10 | 0 | 0 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidales |
| 376 | 26 | 29 | 18 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Erysipelotrichia; o\_\_Erysipelotrichales; f\_\_Erysipelotrichaceae; g\_\_Erysipelotrichaceae\_UCG\_004; s\_\_uncultured\_bacterium |
| 377 | 46 | 64 | 58 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Comamonadaceae; g\_\_Limnohabitans; Ambiguous\_taxa |
| 378 | 1 | 6 | 1 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Comamonadaceae; g\_\_Comamonas; Ambiguous\_taxa |
| 379 | 6 | 0 | 0 | k\_\_Bacteria; p\_\_Tenericutes; c\_\_Mollicutes; o\_\_Mycoplasmatales; f\_\_Mycoplasmataceae; g\_\_uncultured; s\_\_uncultured\_bacterium |
| 380 | 2 | 0 | 1 | k\_\_Bacteria; p\_\_Spirochaetae; c\_\_Spirochaetes; o\_\_Spirochaetales; f\_\_Spirochaetaceae |
| 381 | 9 | 25 | 15 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Bacilli; o\_\_Lactobacillales; f\_\_Streptococcaceae; g\_\_Lactococcus; s\_\_Lactococcus\_lactis |
| 382 | 12 | 11 | 14 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Thermoleophilia; o\_\_Gaiellales; f\_\_uncultured |
| 383 | 25 | 27 | 38 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_NS11\_12\_marine\_group; g\_\_uncultured\_Flavobacteriales\_bacterium; s\_\_uncultured\_Flavobacteriales\_bacterium |
| 384 | 9 | 16 | 8 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_NS11\_12\_marine\_group |
| 385 | 15 | 19 | 20 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_uncultured |
| 386 | 11 | 9 | 9 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Legionellales; f\_\_Legionellaceae; g\_\_Legionella |
| 387 | 6 | 5 | 9 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_TA18; o\_\_uncultured\_bacterium; f\_\_uncultured\_bacterium; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 388 | 5 | 8 | 7 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Ruminococcaceae; g\_\_Faecalibacterium; Ambiguous\_taxa |
| 389 | 8 | 10 | 18 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Myxococcales |
| 390 | 46 | 42 | 59 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Chitinophagaceae |
| 391 | 24 | 27 | 40 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Burkholderiaceae; g\_\_Lautropia; Ambiguous\_taxa |
| 392 | 11 | 27 | 34 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bdellovibrionaceae; g\_\_OM27\_clade; s\_\_uncultured\_bacterium |
| 393 | 6 | 14 | 18 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae |
| 394 | 2 | 3 | 3 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria |
| 395 | 8 | 14 | 17 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Oceanospirillales; f\_\_Oceanospirillaceae; g\_\_Pseudospirillum; s\_\_uncultured\_bacterium |
| 396 | 23 | 37 | 31 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Cryomorphaceae; g\_\_Fluviicola; s\_\_uncultured\_bacterium |
| 397 | 29 | 31 | 20 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_NS9\_marine\_group; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 398 | 17 | 17 | 18 | k\_\_Bacteria; p\_\_Fusobacteria; c\_\_Fusobacteriia; o\_\_Fusobacteriales; f\_\_Hados.Sed.Eubac.3; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 399 | 18 | 26 | 28 | k\_\_Bacteria; p\_\_Fusobacteria; c\_\_Fusobacteriia; o\_\_Fusobacteriales |
| 400 | 19 | 30 | 20 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bacteriovoracaceae; g\_\_Peredibacter |
| 401 | 21 | 47 | 21 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae; g\_\_Actibacter; s\_\_uncultured\_bacterium |
| 402 | 3 | 0 | 0 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Bacilli; o\_\_Bacillales |
| 403 | 25 | 21 | 27 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae; g\_\_Flavobacterium |
| 404 | 4 | 2 | 6 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Chitinophagaceae |
| 405 | 13 | 22 | 16 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Oligoflexales; f\_\_Oligoflexaceae |
| 406 | 11 | 21 | 24 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_NS11\_12\_marine\_group |
| 407 | 1 | 1 | 2 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Myxococcales; f\_\_P3OB\_42; g\_\_uncultured\_soil\_bacterium; s\_\_uncultured\_soil\_bacterium |
| 408 | 4 | 7 | 5 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_B38; f\_\_uncultured\_bacterium; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 409 | 3 | 2 | 0 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Legionellales; f\_\_Legionellaceae; g\_\_Legionella |
| 410 | 4 | 2 | 1 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Order\_Incertae\_Sedis; f\_\_Family\_Incertae\_Sedis; g\_\_Marinicella; Ambiguous\_taxa |
| 411 | 43 | 67 | 64 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria |
| 412 | 6 | 5 | 3 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_NKB5; f\_\_uncultured\_bacterium; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 413 | 11 | 4 | 9 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_TA18; o\_\_uncultured\_bacterium; f\_\_uncultured\_bacterium; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 414 | 8 | 6 | 13 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Xanthomonadales; f\_\_Xanthomonadaceae; g\_\_Arenimonas |
| 415 | 10 | 11 | 16 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Myxococcales; f\_\_uncultured; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 416 | 21 | 16 | 21 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhizobiales |
| 417 | 8 | 2 | 1 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Proteobacteria\_Incertae\_Sedis; o\_\_Unknown\_Order; f\_\_Unknown\_Family; g\_\_Candidatus\_Thiobios; s\_\_uncultured\_gamma\_proteobacterium |
| 418 | 13 | 29 | 26 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhizobiales; f\_\_Rhizobiales\_Incertae\_Sedis; g\_\_Alsobacter; Ambiguous\_taxa |
| 419 | 5 | 4 | 5 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Flavobacteriaceae; g\_\_Flavobacterium |
| 420 | 21 | 28 | 36 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Chromatiales; f\_\_Chromatiaceae; g\_\_Rheinheimera; Ambiguous\_taxa |
| 421 | 1 | 1 | 0 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Cellvibrionales; f\_\_Halieaceae |
| 422 | 20 | 29 | 26 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bdellovibrionaceae; g\_\_OM27\_clade; s\_\_uncultured\_bacterium |
| 423 | 10 | 11 | 5 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rickettsiales; f\_\_Holosporaceae; g\_\_uncultured; s\_\_uncultured\_Holosporaceae\_bacterium |
| 424 | 21 | 20 | 19 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria |
| 425 | 1 | 1 | 1 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Clostridiaceae\_1 |
| 426 | 11 | 20 | 27 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria |
| 427 | 8 | 1 | 7 | k\_\_Bacteria; p\_\_Tenericutes; c\_\_Mollicutes; o\_\_Acholeplasmatales; f\_\_Acholeplasmataceae; g\_\_Acholeplasma |
| 428 | 1 | 1 | 7 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidales; f\_\_Marinilabiaceae; g\_\_uncultured |
| 429 | 20 | 36 | 35 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_Cryomorphaceae; g\_\_Fluviicola; s\_\_uncultured\_Flexibacter\_sp. |
| 430 | 5 | 7 | 4 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast |
| 431 | 4 | 2 | 0 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_WCHB1\_69; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 432 | 12 | 25 | 22 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_TA18 |
| 433 | 3 | 7 | 5 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales |
| 434 | 11 | 25 | 32 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_uncultured |
| 435 | 9 | 18 | 11 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Myxococcales; f\_\_mle1\_27; Ambiguous\_taxa; Ambiguous\_taxa |
| 436 | 20 | 44 | 35 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodospirillales; f\_\_Acetobacteraceae; g\_\_Roseomonas |
| 437 | 0 | 1 | 3 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bdellovibrionaceae; g\_\_OM27\_clade; s\_\_uncultured\_bacterium |
| 438 | 11 | 12 | 9 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_env.OPS\_17; g\_\_uncultured\_Bacteroidetes\_bacterium; s\_\_uncultured\_Bacteroidetes\_bacterium |
| 439 | 37 | 49 | 41 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Cytophagia; o\_\_Cytophagales; f\_\_Cyclobacteriaceae |
| 440 | 11 | 12 | 4 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Bacilli; o\_\_Bacillales; f\_\_Paenibacillaceae; g\_\_Paenibacillus |
| 441 | 0 | 3 | 0 | k\_\_Bacteria; p\_\_TA06 |
| 442 | 66 | 73 | 97 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Alcaligenaceae; g\_\_MWH\_UniP1\_aquatic\_group |
| 443 | 14 | 21 | 22 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_NS9\_marine\_group; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 444 | 7 | 8 | 6 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_Frankiales; f\_\_Sporichthyaceae |
| 445 | 14 | 24 | 24 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria |
| 446 | 6 | 6 | 7 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Alcaligenaceae |
| 447 | 16 | 38 | 36 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Caulobacterales; f\_\_Caulobacteraceae; g\_\_Phenylobacterium; Ambiguous\_taxa |
| 448 | 7 | 9 | 9 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bdellovibrionaceae; g\_\_OM27\_clade; s\_\_uncultured\_bacterium |
| 449 | 14 | 20 | 21 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rickettsiales; f\_\_Mitochondria |
| 450 | 11 | 23 | 21 | k\_\_Bacteria; p\_\_Bacteroidetes |
| 451 | 12 | 16 | 17 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Actinobacteria; o\_\_Micrococcales; f\_\_Microbacteriaceae |
| 452 | 35 | 48 | 52 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Comamonadaceae |
| 453 | 4 | 5 | 9 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Oligoflexales; f\_\_Oligoflexaceae; g\_\_uncultured\_bacterium; s\_\_uncultured\_bacterium |
| 454 | 15 | 12 | 6 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast |
| 455 | 4 | 3 | 1 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Desulfobacterales; f\_\_Desulfobulbaceae; g\_\_uncultured |
| 456 | 11 | 8 | 13 | k\_\_Bacteria; p\_\_Actinobacteria; c\_\_Thermoleophilia; o\_\_Gaiellales; f\_\_uncultured |
| 457 | 16 | 25 | 18 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Xanthomonadales; f\_\_uncultured |
| 458 | 1 | 2 | 2 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rickettsiales; f\_\_Holosporaceae; g\_\_Candidatus\_Paraholospora; s\_\_Candidatus\_Paraholospora\_nucleivisitans |
| 459 | 5 | 3 | 8 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast; o\_\_Lepocinclis\_tripteris; f\_\_Lepocinclis\_tripteris; g\_\_Lepocinclis\_tripteris; s\_\_Lepocinclis\_tripteris |
| 460 | 49 | 29 | 14 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidales; f\_\_Marinilabiaceae; g\_\_Carboxylicivirga; s\_\_uncultured\_bacterium |
| 461 | 39 | 47 | 44 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Oxalobacteraceae; g\_\_Paucimonas |
| 462 | 10 | 3 | 7 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Myxococcales; f\_\_Phaselicystidaceae; g\_\_Phaselicystis |
| 463 | 1 | 8 | 0 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast |
| 464 | 3 | 4 | 2 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidales; f\_\_Marinilabiaceae; g\_\_Carboxylicivirga |
| 465 | 1 | 2 | 0 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Ruminococcaceae; g\_\_Fastidiosipila |
| 466 | 1 | 6 | 4 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales |
| 467 | 2 | 2 | 1 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidales; f\_\_Rikenellaceae; g\_\_Blvii28\_wastewater\_sludge\_group; Ambiguous\_taxa |
| 468 | 6 | 3 | 5 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Desulfobacterales; f\_\_Desulfobulbaceae; g\_\_uncultured; s\_\_uncultured\_Desulfobulbaceae\_bacterium |
| 469 | 12 | 15 | 14 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Chromatiales; f\_\_Chromatiaceae; g\_\_Rheinheimera; Ambiguous\_taxa |
| 470 | 1 | 7 | 0 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria |
| 471 | 7 | 14 | 14 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Bacteroidia; o\_\_Bacteroidales; f\_\_Bacteroidaceae; g\_\_Bacteroides; s\_\_uncultured\_bacterium |
| 472 | 8 | 17 | 20 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Methylococcales; f\_\_Methylococcaceae; g\_\_Methylocaldum; Ambiguous\_taxa |
| 473 | 4 | 7 | 4 | k\_\_Bacteria; p\_\_Nitrospirae; c\_\_Nitrospira; o\_\_Nitrospirales; f\_\_Nitrospiraceae; g\_\_Nitrospira; Ambiguous\_taxa |
| 474 | 2 | 8 | 2 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Clostridia; o\_\_Clostridiales; f\_\_Family\_XII; g\_\_Fusibacter |
| 475 | 4 | 9 | 16 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Bacilli; o\_\_Lactobacillales; f\_\_Streptococcaceae; g\_\_Streptococcus; s\_\_Streptococcus\_dysgalactiae\_subsp.\_equisimilis |
| 476 | 31 | 37 | 36 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Oligoflexales; f\_\_Oligoflexaceae; g\_\_uncultured\_Myxococcales\_bacterium; s\_\_uncultured\_Myxococcales\_bacterium |
| 477 | 0 | 3 | 0 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bdellovibrionaceae; g\_\_OM27\_clade; s\_\_uncultured\_bacterium |
| 478 | 0 | 1 | 1 | k\_\_Bacteria; p\_\_Proteobacteria |
| 479 | 0 | 7 | 28 | k\_\_Bacteria; p\_\_Gracilibacteria |
| 480 | 0 | 2 | 0 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Sphingomonadales; f\_\_Sphingomonadaceae; g\_\_Sphingobium; s\_\_uncultured\_bacterium |
| 481 | 8 | 3 | 4 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Saprospiraceae; g\_\_Phaeodactylibacter; s\_\_uncultured\_bacterium |
| 482 | 10 | 27 | 17 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Xanthomonadales; f\_\_Xanthomonadaceae; g\_\_Stenotrophomonas |
| 483 | 7 | 12 | 23 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Oceanospirillales; f\_\_Halomonadaceae; g\_\_Halomonas; Ambiguous\_taxa |
| 484 | 6 | 9 | 12 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Sphingobacteriaceae; g\_\_Pedobacter; Ambiguous\_taxa |
| 485 | 14 | 2 | 3 | k\_\_Bacteria; p\_\_Tenericutes; c\_\_Mollicutes; o\_\_NB1\_n |
| 486 | 6 | 13 | 10 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodospirillales |
| 487 | 5 | 9 | 7 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales |
| 488 | 9 | 10 | 7 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Pseudomonadales; f\_\_Pseudomonadaceae; g\_\_Pseudomonas |
| 489 | 3 | 6 | 8 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast; o\_\_Euglena\_deses; f\_\_Euglena\_deses; g\_\_Euglena\_deses; s\_\_Euglena\_deses |
| 490 | 0 | 8 | 4 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Chromatiales; f\_\_Halothiobacillaceae; g\_\_Thiovirga; s\_\_uncultured\_bacterium |
| 491 | 0 | 4 | 3 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Neisseriales; f\_\_Neisseriaceae; g\_\_uncultured; s\_\_bacterium\_enrichment\_culture\_clone\_B214(2011) |
| 492 | 21 | 35 | 27 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bdellovibrionaceae; g\_\_OM27\_clade; s\_\_uncultured\_bacterium |
| 493 | 14 | 15 | 15 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria |
| 494 | 4 | 3 | 8 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_TA18 |
| 495 | 1 | 1 | 5 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bdellovibrionaceae; g\_\_Bdellovibrio |
| 496 | 1 | 0 | 4 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Rhodocyclales; f\_\_Rhodocyclaceae |
| 497 | 16 | 8 | 16 | k\_\_Bacteria; p\_\_Cyanobacteria; c\_\_Chloroplast; o\_\_Euglena\_agilis; f\_\_Euglena\_agilis; g\_\_Euglena\_agilis; s\_\_Euglena\_agilis |
| 498 | 3 | 0 | 7 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rickettsiales; f\_\_SAR116\_clade; Ambiguous\_taxa; Ambiguous\_taxa |
| 499 | 6 | 0 | 18 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Gammaproteobacteria; o\_\_Oceanospirillales; f\_\_Oceanospirillaceae; g\_\_Marinomonas; Ambiguous\_taxa |
| 500 | 0 | 1 | 3 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bacteriovoracaceae |
| 501 | 28 | 45 | 34 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae; g\_\_Tabrizicola; s\_\_uncultured\_bacterium |
| 502 | 0 | 0 | 3 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Nitrosomonadales; f\_\_Nitrosomonadaceae; g\_\_Nitrosomonas; s\_\_uncultured\_bacterium |
| 503 | 0 | 0 | 14 | k\_\_Bacteria; p\_\_Gracilibacteria |
| 504 | 8 | 3 | 15 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhodobacterales; f\_\_Rhodobacteraceae |
| 505 | 16 | 11 | 22 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales |
| 506 | 3 | 2 | 2 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rhizobiales; f\_\_Hyphomicrobiaceae; g\_\_Hyphomicrobium; s\_\_uncultured\_bacterium |
| 507 | 8 | 6 | 15 | k\_\_Bacteria; p\_\_Firmicutes; c\_\_Bacilli; o\_\_Lactobacillales; f\_\_Carnobacteriaceae; g\_\_Carnobacterium; Ambiguous\_taxa |
| 508 | 4 | 4 | 10 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Burkholderiales; f\_\_Comamonadaceae |
| 509 | 9 | 5 | 11 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria; o\_\_Bdellovibrionales; f\_\_Bacteriovoracaceae; g\_\_Peredibacter |
| 510 | 11 | 10 | 8 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Flavobacteriia; o\_\_Flavobacteriales; f\_\_NS9\_marine\_group; g\_\_uncultured\_Flavobacteriales\_bacterium; s\_\_uncultured\_Flavobacteriales\_bacterium |
| 511 | 2 | 3 | 5 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Deltaproteobacteria |
| 512 | 10 | 20 | 22 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Betaproteobacteria; o\_\_Methylophilales; f\_\_Methylophilaceae; g\_\_uncultured; s\_\_uncultured\_bacterium |
| 513 | 3 | 10 | 10 | k\_\_Bacteria; p\_\_Proteobacteria; c\_\_Alphaproteobacteria; o\_\_Rickettsiales; f\_\_Rickettsiales\_Incertae\_Sedis; g\_\_Candidatus\_Captivus |
| 514 | 19 | 15 | 18 | k\_\_Bacteria; p\_\_Bacteroidetes; c\_\_Sphingobacteriia; o\_\_Sphingobacteriales; f\_\_Chitinophagaceae; g\_\_uncultured |