**Table 1. MAGs assembled in this study**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MAG strain name | Biosample | Accession # | Taxonomic classification | Com | Con | N50 | GC | # | Cov | Size |
| CI.27.F.A2\_106\_33 | SAMN39639253 | [JBDUXA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXA000000000.1/) | *Roseibium sp.* | 97.4 | 0.6 | 3.84E+04 | 0.57 | 177 | 6.8 | 4.47 |
| CB.66.F.B1\_115\_45 | SAMN39639284 | [JBDUYF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYF000000000.1/) | *Roseibium sp.* | 95.9 | 3.9 | 1.32E+04 | 0.57 | 590 | 7.5 | 5.63 |
| CB.43.F.B2\_119\_26 | SAMN39639309 | [JBDUZE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZE000000000.1/) | *Roseibium sp.* | 99.9 | 0.0 | 3.58E+04 | 0.57 | 197 | 10.0 | 4.38 |
| CB.10.F.C1\_120\_26 | SAMN39639334 | [JBDVAD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAD000000000.1/) | *Roseibium sp.* | 100.0 | 0.1 | 1.13E+05 | 0.57 | 123 | 9.6 | 4.71 |
| LC.119.F.D4\_174\_34 | SAMN39639618 | [JBDVLB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLB000000000.1/) | *Roseibium sp.* | 100.0 | 3.8 | 4.04E+04 | 0.57 | 206 | 17.1 | 4.93 |
| LC.109.F.C4\_184\_26 | SAMN39639664 | [JBDVMV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMV000000000.1/) | *Roseibium sp.* | 100.0 | 0.1 | 6.90E+04 | 0.57 | 132 | 4.2 | 4.65 |
| AQ.07.F.C5\_194\_003 | SAMN39639702 | [JBDVOH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOH000000000.1/) | *Roseibium sp.* | 93.3 | 3.3 | 1.36E+04 | 0.57 | 442 | 8.5 | 4.36 |
| CB.60.F.D1\_21\_10 | SAMN39639749 | [JBDVQC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQC000000000.1/) | *Roseibium sp.* | 100.0 | 7.7 | 4.42E+04 | 0.57 | 487 | 5.3 | 5.83 |
| LC.09.F.B3\_212\_41 | SAMN39639762 | [JBDVQP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQP000000000.1/) | *Roseibium sp.* | 100.0 | 0.0 | 1.90E+05 | 0.57 | 53 | 15.4 | 4.25 |
| AQ.19.M.C2\_23\_25 | SAMN39639823 | [JBDVSY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSY000000000.1/) | *Roseibium sp.* | 99.8 | 0.0 | 3.63E+04 | 0.58 | 200 | 9.2 | 4.43 |
| CI.58.F.C2\_411\_010 | SAMN39640163 | [JBDWGA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGA000000000.1/) | *Roseibium sp.* | 97.1 | 9.0 | 1.73E+04 | 0.57 | 873 | 5.0 | 5.98 |
| CI.01.F.A4\_420\_101 | SAMN39640188 | [JBDWGZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGZ000000000.1/) | *Roseibium sp.* | 99.5 | 0.9 | 1.25E+05 | 0.57 | 88 | 15.4 | 4.67 |
| LC.100.F.B2\_422\_88 | SAMN39640223 | [JBDWII000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWII000000000.1/) | *Roseibium sp.* | 100.0 | 0.1 | 1.69E+05 | 0.57 | 68 | 33.8 | 4.53 |
| CI.31.F.D2\_424\_007 | SAMN39640245 | [JBDWJE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJE000000000.1/) | *Roseibium sp.* | 92.3 | 6.9 | 6.61E+03 | 0.58 | 951 | 5.7 | 4.10 |
| CI.62.F.A4\_427\_23 | SAMN39640253 | [JBDWJM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJM000000000.1/) | *Roseibium sp.* | 99.8 | 0.2 | 4.21E+04 | 0.57 | 190 | 19.5 | 4.56 |
| CI.22.F.D2\_448\_74 | SAMN39640330 | [JBDWML000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWML000000000.1/) | *Roseibium sp.* | 100.0 | 5.9 | 1.50E+05 | 0.57 | 110 | 17.6 | 5.52 |
| CI.08.F.C4\_449\_71 | SAMN39640341 | [JBDWMW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMW000000000.1/) | *Roseibium sp.* | 99.8 | 0.2 | 1.43E+05 | 0.58 | 93 | 12.4 | 4.58 |
| CI.51.M.D6\_450\_140 | SAMN39640346 | [JBDWNB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNB000000000.1/) | *Roseibium sp.* | 100.0 | 5.7 | 1.65E+05 | 0.57 | 127 | 7.6 | 6.04 |
| CI.12.F.B2\_456\_30 | SAMN39640368 | [JBDWNX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNX000000000.1/) | *Roseibium sp.* | 100.0 | 0.1 | 1.65E+05 | 0.57 | 74 | 26.5 | 4.57 |
| CI.17.F.C3\_459\_128 | SAMN39640377 | [JBDWOG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOG000000000.1/) | *Roseibium sp.* | 100.0 | 1.3 | 2.15E+05 | 0.57 | 77 | 162.7 | 5.01 |
| CI.47.F.D1\_481\_008 | SAMN39640489 | [JBDWSO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSO000000000.1/) | *Roseibium sp.* | 100.0 | 1.1 | 2.05E+05 | 0.58 | 105 | 4.6 | 4.49 |
| CB.67.F.C4\_506\_100 | SAMN39640587 | [JBDWWI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWI000000000.1/) | *Roseibium sp.* | 100.0 | 1.6 | 5.21E+04 | 0.57 | 162 | 6.4 | 4.52 |
| CI.26.F.C1\_514\_71 | SAMN39640646 | [JBDWYP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYP000000000.1/) | *Roseibium sp.* | 100.0 | 0.1 | 1.56E+05 | 0.58 | 93 | 25.9 | 4.82 |
| LC.08.F.B1\_563\_17 | SAMN39640738 | [JBDXCD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCD000000000.1/) | *Roseibium sp.* | 99.8 | 0.1 | 1.29E+05 | 0.57 | 113 | 38.5 | 4.49 |
| AQ.21.F.C1\_80\_60 | SAMN39640890 | [JBDXHZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHZ000000000.1/) | *Roseibium sp.* | 100.0 | 0.1 | 1.99E+05 | 0.57 | 79 | 32.1 | 4.57 |
| CI.14.F.D1\_90\_5 | SAMN39640941 | [JBDXJY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJY000000000.1/) | *Roseibium sp.* | 100.0 | 0.2 | 1.27E+05 | 0.57 | 69 | 18.9 | 4.38 |
| CI.54.F.A1\_99\_17 | SAMN39640994 | [JBDXLZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLZ000000000.1/) | *Roseibium sp.* | 100.0 | 0.0 | 2.15E+05 | 0.57 | 61 | 7.4 | 4.46 |
| CB.65.F.C3\_98\_31 | SAMN39640990 | [JBDXLV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLV000000000.1/) | *Litoreibacter sp.* | 100.0 | 8.7 | 4.06E+04 | 0.58 | 372 | 7.8 | 5.30 |
| LC.118.F.C4\_216\_32 | SAMN39639772 | [JBDVQZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQZ000000000.1/) | *Parasphingorhabdus sp.* | 99.3 | 0.1 | 5.44E+05 | 0.58 | 17 | 16.0 | 3.45 |
| LC.111.F.C3\_358\_25 | SAMN39640038 | [JBDWBF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBF000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 8.73E+05 | 0.58 | 7 | 846.3 | 3.55 |
| AQ.31.F.A4\_36\_103 | SAMN39640052 | [JBDWBT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBT000000000.1/) | *Parasphingorhabdus sp.* | 99.5 | 0.1 | 6.84E+05 | 0.56 | 19 | 16.6 | 3.48 |
| LC.212.M.A5\_371\_23 | SAMN39640077 | [JBDWCS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCS000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 4.7 | 7.31E+05 | 0.56 | 10 | 385.8 | 3.63 |
| LC.120.F.D4\_374\_69 | SAMN39640093 | [JBDWDI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDI000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.99E+06 | 0.56 | 5 | 599.7 | 3.54 |
| LC.289.M.D5\_395\_15 | SAMN39640120 | [JBDWEJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEJ000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 1.99E+06 | 0.56 | 7 | 1351.9 | 3.43 |
| CI.58.F.C2\_411\_6 | SAMN39640162 | [JBDWFZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFZ000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.99E+06 | 0.54 | 7 | 587.0 | 3.54 |
| CI.02.F.B4\_417\_112 | SAMN39640164 | [JBDWGB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGB000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.99E+06 | 0.36 | 5 | 606.7 | 3.54 |
| CI.01.F.A4\_420\_34 | SAMN39640194 | [JBDWHF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHF000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.99E+06 | 0.6 | 6 | 538.6 | 3.54 |
| CI.59.F.A1\_421\_12 | SAMN39640201 | [JBDWHM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHM000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 8.39E+05 | 0.36 | 14 | 8.5 | 3.56 |
| LC.100.F.B2\_422\_60 | SAMN39640220 | [JBDWIF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIF000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.99E+06 | 0.54 | 6 | 573.3 | 3.54 |
| CI.48.F.B2\_423\_50 | SAMN39640230 | [JBDWIP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIP000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 8.72E+05 | 0.54 | 7 | 902.2 | 3.54 |
| CI.31.F.D2\_424\_3 | SAMN39640237 | [JBDWIW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIW000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.98E+06 | 0.54 | 7 | 827.7 | 3.54 |
| CI.62.F.A4\_427\_70 | SAMN39640259 | [JBDWJS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJS000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 9.35E+05 | 0.54 | 12 | 50.3 | 3.53 |
| LC.97.F.D4\_444\_40 | SAMN39640298 | [JBDWLF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLF000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.99E+06 | 0.54 | 5 | 564.9 | 3.54 |
| CI.26.M.D5\_445\_115 | SAMN39640307 | [JBDWLO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLO000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.99E+06 | 0.54 | 6 | 437.1 | 3.53 |
| CI.22.F.D2\_448\_44 | SAMN39640325 | [JBDWMG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMG000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.99E+06 | 0.54 | 7 | 862.6 | 3.54 |
| CI.08.F.C4\_449\_105 | SAMN39640334 | [JBDWMP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMP000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.99E+06 | 0.54 | 6 | 270.5 | 3.53 |
| CI.51.M.D6\_450\_135 | SAMN39640345 | [JBDWNA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNA000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.99E+06 | 0.54 | 7 | 580.2 | 3.55 |
| CI.08.M.A6\_451\_40 | SAMN39640357 | [JBDWNM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNM000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 9.7 | 8.72E+05 | 0.54 | 8 | 753.0 | 3.95 |
| CI.12.F.B2\_456\_26 | SAMN39640366 | [JBDWNV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNV000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.99E+06 | 0.54 | 5 | 392.4 | 3.54 |
| CI.17.F.C3\_459\_112 | SAMN39640376 | [JBDWOF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOF000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.99E+06 | 0.54 | 6 | 619.1 | 3.53 |
| LC.116.F.D3\_460\_11 | SAMN39640393 | [JBDWOW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOW000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 6.3 | 1.99E+06 | 0.54 | 9 | 360.0 | 3.71 |
| CI.11.F.A3\_462\_36 | SAMN39640407 | [JBDWPK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPK000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.98E+06 | 0.54 | 7 | 1071.0 | 3.55 |
| LC.104.M.D5\_486\_21 | SAMN39640497 | [JBDWSW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSW000000000.1/) | *Parasphingorhabdus sp.* | 99.8 | 2.0 | 1.82E+06 | 0.54 | 7 | 335.5 | 3.41 |
| LC.119.F.A4\_494\_9 | SAMN39640524 | [JBDWTX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTX000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.77E+06 | 0.54 | 8 | 180.6 | 3.54 |
| LC.11.M.A6\_500\_64 | SAMN39640566 | [JBDWVN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVN000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.98E+06 | 0.54 | 7 | 154.3 | 3.53 |
| LC.122.F.C4\_512\_37 | SAMN39640625 | [JBDWXU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXU000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 6.9 | 5.54E+05 | 0.54 | 15 | 412.5 | 3.76 |
| CI.40.F.A2\_529\_87 | SAMN39640681 | [JBDWZY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZY000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 1.1 | 8.39E+05 | 0.54 | 124 | 4.9 | 4.13 |
| CI.39.F.A3\_536\_43 | SAMN39640692 | [JBDXAJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAJ000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.99E+06 | 0.54 | 11 | 64.6 | 3.55 |
| CB.05.F.D2\_97\_22 | SAMN39640979 | [JBDXLK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLK000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.99E+06 | 0.54 | 7 | 164.4 | 3.53 |
| LC.120.F.D4\_374\_40 | SAMN39640090 | [JBDWDF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDF000000000.1/) | *Paracoccaceae bacterium* | 99.9 | 0.1 | 1.91E+05 | 0.54 | 65 | 30.8 | 4.95 |
| AQ.06.F.A6\_42\_23 | SAMN39640175 | [JBDWGM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGM000000000.1/) | *Paracoccaceae bacterium* | 93.2 | 2.2 | 4.57E+04 | 0.54 | 168 | 10.1 | 4.82 |
| AQ.32.F.A2\_91\_29 | SAMN39640945 | [JBDXKC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKC000000000.1/) | *Paracoccaceae bacterium* | 97.7 | 0.2 | 2.07E+05 | 0.54 | 43 | 62.6 | 5.01 |
| AQ.03.F.D1\_10\_33 | SAMN39639212 | [JBDUVL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVL000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 3.0 | 1.77E+05 | 0.54 | 53 | 18.9 | 4.12 |
| AQ.63.F.D4\_12\_29 | SAMN39639322 | [JBDUZR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZR000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 0.2 | 4.59E+05 | 0.54 | 28 | 193.3 | 3.88 |
| CB.54.F.C2\_137\_102 | SAMN39639418 | [JBDVDJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDJ000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 0.1 | 1.03E+05 | 0.54 | 55 | 66.7 | 3.61 |
| CB.01.F.D3\_159\_72 | SAMN39639536 | [JBDVHX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHX000000000.1/) | *Sulfitobacter pontiacus* | 90.4 | 0.4 | 2.46E+04 | 0.54 | 197 | 9.6 | 3.46 |
| AQ.62.F.A5\_17\_11 | SAMN39639582 | [JBDVJR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJR000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 0.0 | 2.29E+05 | 0.54 | 36 | 14.6 | 3.68 |
| AQ.07.M.A6\_20\_38 | SAMN39639729 | [JBDVPI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPI000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 1.2 | 4.59E+05 | 0.54 | 25 | 5.1 | 4.02 |
| LC.09.F.B3\_212\_24 | SAMN39639760 | [JBDVQN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQN000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 0.2 | 4.59E+05 | 0.54 | 28 | 115.6 | 3.85 |
| AQ.19.M.C2\_23\_138 | SAMN39639821 | [JBDVSW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSW000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 2.4 | 4.59E+05 | 0.54 | 22 | 10.9 | 3.89 |
| AQ.39.F.D5\_24\_35 | SAMN39639866 | [JBDVUP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUP000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 2.7 | 4.87E+04 | 0.54 | 150 | 6.0 | 3.95 |
| AQ.40.F.A1\_26\_7 | SAMN39639916 | [JBDVWN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWN000000000.1/) | *Sulfitobacter pontiacus* | 99.2 | 0.2 | 4.36E+05 | 0.54 | 25 | 21.2 | 3.59 |
| AQ.25.F.B6\_3\_20 | SAMN39639970 | [JBDVYP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYP000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 0.0 | 4.39E+05 | 0.54 | 18 | 3.3 | 3.50 |
| AQ.09.F.A3\_38\_47 | SAMN39640104 | [JBDWDT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDT000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 0.4 | 4.59E+05 | 0.54 | 29 | 60.4 | 3.84 |
| AQ.61.F.B5\_39\_25 | SAMN39640112 | [JBDWEB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEB000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 0.2 | 4.36E+05 | 0.54 | 24 | 3.4 | 3.78 |
| AQ.24.F.C5\_40\_118 | SAMN39640127 | [JBDWEQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEQ000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 0.1 | 4.59E+05 | 0.54 | 25 | 4.5 | 3.89 |
| AQ.10.F.B2\_41\_4 | SAMN39640143 | [JBDWFG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFG000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 3.7 | 4.36E+05 | 0.54 | 25 | 243.6 | 3.87 |
| AQ.06.F.A6\_42\_6 | SAMN39640180 | [JBDWGR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGR000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 0.9 | 2.34E+05 | 0.54 | 42 | 10.4 | 3.78 |
| AQ.34.F.B6\_43\_79 | SAMN39640283 | [JBDWKQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKQ000000000.1/) | *Sulfitobacter pontiacus* | 96.6 | 0.0 | 4.59E+05 | 0.54 | 17 | 67.8 | 3.55 |
| AQ.37.F.C6\_499\_010 | SAMN39640547 | [JBDWUU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUU000000000.1/) | *Sulfitobacter pontiacus* | 99.9 | 0.0 | 3.76E+05 | 0.54 | 67 | 14.5 | 3.70 |
| AQ.15.M.B6\_50\_8 | SAMN39640555 | [JBDWVC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVC000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 1.7 | 4.59E+05 | 0.54 | 33 | 40.6 | 4.21 |
| CI.40.F.D2\_503\_94 | SAMN39640575 | [JBDWVW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVW000000000.1/) | *Sulfitobacter pontiacus* | 96.8 | 1.9 | 4.78E+04 | 0.54 | 131 | 13.8 | 3.39 |
| CB.53.M.C5\_54\_103 | SAMN39640697 | [JBDXAO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAO000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 0.1 | 4.59E+05 | 0.54 | 24 | 33.2 | 3.85 |
| AQ.12.M.C3\_6\_96 | SAMN39640782 | [JBDXDV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDV000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 0.3 | 3.88E+05 | 0.54 | 24 | 3.0 | 3.80 |
| CB.55.F.D4\_76\_108 | SAMN39640859 | [JBDXGU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGU000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 0.1 | 3.44E+05 | 0.54 | 25 | 16.3 | 3.67 |
| AQ.18.M.A2\_9\_011 | SAMN39640931 | [JBDXJO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJO000000000.1/) | *Sulfitobacter pontiacus* | 100.0 | 2.4 | 6.82E+05 | 0.54 | 66 | 4.3 | 3.63 |
| AQ.63.F.D4\_12\_58 | SAMN39639327 | [JBDUZW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZW000000000.1/) | *Hyphomonas sp.* | 100.0 | 2.3 | 1.42E+05 | 0.4 | 74 | 20.3 | 4.14 |
| AQ.07.M.A6\_20\_61 | SAMN39639731 | [JBDVPK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPK000000000.1/) | *Hyphomonas sp.* | 100.0 | 2.8 | 1.72E+05 | 0.4 | 263 | 5.5 | 4.81 |
| AQ.19.M.C2\_23\_139 | SAMN39639822 | [JBDVSX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSX000000000.1/) | *Hyphomonas sp.* | 100.0 | 1.3 | 1.85E+05 | 0.38 | 43 | 4.6 | 4.07 |
| AQ.23.F.D2\_25\_74 | SAMN39639874 | [JBDVUX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUX000000000.1/) | *Hyphomonas sp.* | 100.0 | 0.6 | 1.07E+05 | 0.38 | 100 | 4.5 | 3.99 |
| AQ.40.F.A1\_26\_3 | SAMN39639910 | [JBDVWH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWH000000000.1/) | *Hyphomonas sp.* | 93.8 | 1.4 | 9.97E+03 | 0.38 | 542 | 8.6 | 3.67 |
| LC.08.F.B1\_563\_57 | SAMN39640744 | [JBDXCJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCJ000000000.1/) | *Hyphomonas sp.* | 100.0 | 0.4 | 1.84E+05 | 0.38 | 36 | 18.9 | 3.72 |
| AQ.11.F.C4\_7\_43 | SAMN39640832 | [JBDXFT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFT000000000.1/) | *Hyphomonas sp.* | 99.0 | 3.9 | 1.64E+04 | 0.38 | 324 | 4.5 | 3.89 |
| AQ.18.M.A2\_9\_64 | SAMN39640928 | [JBDXJL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJL000000000.1/) | *Hyphomonas sp.* | 100.0 | 0.9 | 1.91E+05 | 0.38 | 35 | 4.8 | 4.13 |
| CB.61.F.B1\_116\_53 | SAMN39639298 | [JBDUYT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYT000000000.1/) | *Erythrobacter sp.* | 99.9 | 0.2 | 1.23E+05 | 0.38 | 51 | 602.5 | 3.28 |
| LC.173.F.D1\_294\_69 | SAMN39639964 | [JBDVYJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYJ000000000.1/) | *Erythrobacter sp.* | 98.6 | 1.7 | 3.26E+04 | 0.38 | 169 | 9.0 | 3.20 |
| CB.55.F.D4\_76\_64 | SAMN39640866 | [JBDXHB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHB000000000.1/) | *Erythrobacter sp.* | 99.9 | 1.5 | 5.99E+05 | 0.38 | 23 | 5.5 | 3.39 |
| CB.68.F.D4\_84\_45 | SAMN39640915 | [JBDXIY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIY000000000.1/) | *Erythrobacter sp.* | 99.9 | 1.4 | 5.99E+05 | 0.38 | 22 | 21.6 | 3.35 |
| AQ.21.F.C1\_80\_83 | SAMN39640893 | [JBDXIC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIC000000000.1/) | *Erythrobacter sp.* | 100.0 | 7.2 | 1.41E+06 | 0.38 | 13 | 319.1 | 3.28 |
| AQ.21.F.C1\_80\_12 | SAMN39640885 | [JBDXHU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHU000000000.1/) | *Halieaceae bacterium* | 98.6 | 0.4 | 6.08E+05 | 0.38 | 13 | 460.5 | 4.29 |
| CI.54.F.A1\_99\_71 | SAMN39641001 | [JBDXMG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXMG000000000.1/) | *Halieaceae bacterium* | 94.6 | 0.5 | 1.33E+05 | 0.38 | 53 | 8.8 | 4.19 |
| CB.55.F.D4\_76\_74 | SAMN39640868 | [JBDXHD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHD000000000.1/) | *Halioglobus sp.* | 100.0 | 0.2 | 9.15E+05 | 0.38 | 9 | 45.2 | 3.73 |
| CB.55.F.D4\_76\_43 | SAMN39640864 | [JBDXGZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGZ000000000.1/) | *Maricaulaceae bacterium* | 100.0 | 0.1 | 1.92E+05 | 0.38 | 28 | 20.6 | 2.71 |
| CI.58.F.C2\_411\_21 | SAMN39640154 | [JBDWFR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFR000000000.1/) | *Hyphomicrobiales bacterium* | 95.7 | 0.5 | 9.24E+03 | 0.38 | 375 | 4.4 | 2.42 |
| CI.01.F.A4\_420\_1 | SAMN39640187 | [JBDWGY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGY000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 0.0 | 3.77E+05 | 0.38 | 6 | 38.8 | 2.59 |
| CI.62.F.A4\_427\_104 | SAMN39640250 | [JBDWJJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJJ000000000.1/) | *Hyphomicrobiales bacterium* | 94.2 | 1.1 | 1.53E+04 | 0.38 | 219 | 8.3 | 2.47 |
| CI.51.M.D6\_450\_142 | SAMN39640347 | [JBDWNC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNC000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 0.0 | 2.10E+05 | 0.38 | 36 | 7.7 | 2.63 |
| CI.11.F.A3\_462\_56 | SAMN39640413 | [JBDWPQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPQ000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 0.3 | 5.32E+04 | 0.38 | 78 | 13.8 | 2.53 |
| CI.46.F.A4\_53\_015 | SAMN39640689 | [JBDXAG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAG000000000.1/) | *Hyphomicrobiales bacterium* | 95.5 | 1.5 | 9.58E+03 | 0.38 | 358 | 6.8 | 2.34 |
| CB.55.F.D4\_76\_24 | SAMN39640863 | [JBDXGY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGY000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 0.0 | 3.81E+05 | 0.38 | 6 | 39.8 | 2.61 |
| CB.55.F.D4\_76\_115 | SAMN39640861 | [JBDXGW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGW000000000.1/) | *Gillisia sp.* | 100.0 | 0.0 | 3.19E+05 | 0.38 | 25 | 55.6 | 3.57 |
| CI.39.F.B3\_74\_49 | SAMN39640854 | [JBDXGP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGP000000000.1/) | *Erythrobacter sp.* | 100.0 | 0.1 | 1.41E+06 | 0.38 | 7 | 5.2 | 2.74 |
| AQ.32.F.A2\_91\_2 | SAMN39640944 | [JBDXKB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKB000000000.1/) | *Erythrobacter sp.* | 100.0 | 0.5 | 1.41E+06 | 0.38 | 5 | 413.4 | 2.72 |
| AQ.03.F.D1\_10\_18 | SAMN39639211 | [JBDUVK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVK000000000.1/) | *Nonlabens ulvanivorans* | 94.2 | 0.7 | 2.19E+04 | 0.38 | 316 | 7.6 | 2.94 |
| CB.34.F.B4\_102\_2 | SAMN39639219 | [JBDUVS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVS000000000.1/) | *Nonlabens ulvanivorans* | 99.9 | 2.3 | 3.51E+05 | 0.38 | 16 | 60.2 | 3.19 |
| CB.69.F.B4\_103\_20 | SAMN39639227 | [JBDUWA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWA000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 5.2 | 5.67E+04 | 0.38 | 142 | 10.7 | 3.35 |
| CI.27.F.A2\_106\_64 | SAMN39639257 | [JBDUXE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXE000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 1.16E+05 | 0.38 | 52 | 6.7 | 3.14 |
| CB.59.F.A3\_113\_42 | SAMN39639273 | [JBDUXU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXU000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.3 | 4.68E+05 | 0.38 | 21 | 14.2 | 3.16 |
| CB.66.F.B1\_115\_59 | SAMN39639290 | [JBDUYL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYL000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.38 | 14 | 44.0 | 3.16 |
| CB.61.F.B1\_116\_25 | SAMN39639296 | [JBDUYR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYR000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.38 | 13 | 23.3 | 3.16 |
| CB.43.F.B2\_119\_10 | SAMN39639305 | [JBDUZA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZA000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 3.51E+05 | 0.38 | 16 | 272.4 | 3.16 |
| CB.07.M.B5\_121\_56 | SAMN39639353 | [JBDVAW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAW000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.38 | 14 | 69.8 | 3.16 |
| CB.35.M.A6\_128\_7 | SAMN39639391 | [JBDVCI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCI000000000.1/) | *Nonlabens ulvanivorans* | 99.9 | 2.4 | 3.51E+05 | 0.38 | 17 | 399.1 | 3.19 |
| CB.49.M.B5\_130\_125 | SAMN39639398 | [JBDVCP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCP000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 3.51E+05 | 0.38 | 18 | 117.7 | 3.17 |
| CB.51.F.C3\_134\_48 | SAMN39639411 | [JBDVDC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDC000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.32 | 17 | 156.3 | 3.16 |
| CB.54.F.C2\_137\_78 | SAMN39639426 | [JBDVDR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDR000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.32 | 15 | 574.5 | 3.16 |
| CB.02.M.C5\_139\_30 | SAMN39639433 | [JBDVDY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDY000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.6 | 2.92E+04 | 0.32 | 158 | 10.0 | 3.13 |
| CB.37.F.D4\_140\_1 | SAMN39639453 | [JBDVES000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVES000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.32 | 17 | 372.4 | 3.16 |
| LC.102.F.A1\_144\_24 | SAMN39639470 | [JBDVFJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFJ000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.32 | 13 | 224.0 | 3.15 |
| CB.64.M.A6\_145\_61 | SAMN39639487 | [JBDVGA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGA000000000.1/) | *Nonlabens ulvanivorans* | 99.9 | 2.3 | 3.51E+05 | 0.32 | 17 | 140.9 | 3.19 |
| AQ.64.F.B3\_146\_24 | SAMN39639492 | [JBDVGF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGF000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 16 | 54.1 | 3.16 |
| CB.04.F.A3\_155\_46 | SAMN39639503 | [JBDVGQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGQ000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.54 | 15 | 288.6 | 3.16 |
| CB.48.F.D1\_157\_10 | SAMN39639510 | [JBDVGX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGX000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.54 | 17 | 296.6 | 3.16 |
| CB.75.F.D4\_158\_44 | SAMN39639523 | [JBDVHK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHK000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.54 | 16 | 177.1 | 3.16 |
| CB.01.F.D3\_159\_005 | SAMN39639538 | [JBDVHZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHZ000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 3.9 | 3.51E+05 | 0.55 | 374 | 3.8 | 3.65 |
| AQ.28.F.A5\_164\_47 | SAMN39639558 | [JBDVIT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIT000000000.1/) | *Nonlabens ulvanivorans* | 99.9 | 2.3 | 3.51E+05 | 0.54 | 16 | 223.6 | 3.19 |
| LC.106.F.A4\_166\_37 | SAMN39639567 | [JBDVJC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJC000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.1 | 4.68E+05 | 0.56 | 14 | 278.3 | 3.16 |
| AQ.62.F.A5\_17\_41 | SAMN39639588 | [JBDVJX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJX000000000.1/) | *Nonlabens ulvanivorans* | 97.7 | 0.1 | 4.35E+04 | 0.56 | 151 | 6.6 | 2.99 |
| LC.119.F.D4\_174\_44 | SAMN39639621 | [JBDVLE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLE000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.56 | 14 | 435.1 | 3.16 |
| LC.107.F.A2\_175\_17 | SAMN39639633 | [JBDVLQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLQ000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 13 | 31.8 | 3.17 |
| CB.49.F.A1\_179\_41 | SAMN39639643 | [JBDVMA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMA000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 3.51E+05 | 0.55 | 21 | 454.5 | 3.17 |
| LC.127.F.D4\_180\_35 | SAMN39639656 | [JBDVMN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMN000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 15 | 117.1 | 3.16 |
| LC.100.F.D2\_188\_38 | SAMN39639683 | [JBDVNO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNO000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 2.70E+05 | 0.55 | 19 | 29.1 | 3.15 |
| CB.66.M.B5\_19\_77 | SAMN39639693 | [JBDVNY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNY000000000.1/) | *Nonlabens ulvanivorans* | 91.7 | 0.3 | 2.02E+04 | 0.44 | 266 | 3.9 | 2.84 |
| AQ.07.F.C5\_194\_12 | SAMN39639694 | [JBDVNZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNZ000000000.1/) | *Nonlabens ulvanivorans* | 99.9 | 0.0 | 4.68E+05 | 0.53 | 14 | 114.3 | 3.05 |
| LC.101.F.A3\_199\_74 | SAMN39639713 | [JBDVOS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOS000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.42 | 14 | 417.6 | 3.16 |
| AQ.07.M.A6\_20\_87 | SAMN39639736 | [JBDVPP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPP000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 3.51E+05 | 0.53 | 15 | 38.4 | 3.17 |
| LC.06.F.A3\_204\_102 | SAMN39639738 | [JBDVPR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPR000000000.1/) | *Nonlabens ulvanivorans* | 99.9 | 0.0 | 4.68E+05 | 0.55 | 15 | 398.7 | 3.04 |
| LC.09.F.B3\_212\_43 | SAMN39639763 | [JBDVQQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQQ000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 14 | 250.0 | 3.16 |
| LC.118.F.C4\_216\_35 | SAMN39639773 | [JBDVRA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRA000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 14 | 462.9 | 3.15 |
| AQ.05.M.B6\_22\_122 | SAMN39639782 | [JBDVRJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRJ000000000.1/) | *Nonlabens ulvanivorans* | 99.9 | 2.3 | 3.51E+05 | 0.55 | 17 | 31.6 | 3.19 |
| LC.122.F.D4\_220\_29 | SAMN39639788 | [JBDVRP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRP000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 13 | 299.8 | 3.15 |
| CB.59.M.B5\_223\_012 | SAMN39639809 | [JBDVSK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSK000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 2.0 | 3.51E+05 | 0.55 | 81 | 5.0 | 3.27 |
| LC.04.F.D4\_227\_50 | SAMN39639815 | [JBDVSQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSQ000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 15 | 348.5 | 3.16 |
| AQ.19.M.C2\_23\_010 | SAMN39639829 | [JBDVTE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTE000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 5.2 | 1.00E+06 | 0.55 | 430 | 4.0 | 3.28 |
| LC.05.F.A2\_232\_83 | SAMN39639840 | [JBDVTP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTP000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 14 | 472.6 | 3.16 |
| CB.57.F.B3\_234\_35 | SAMN39639848 | [JBDVTX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTX000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 14 | 606.6 | 3.16 |
| LC.99.F.B1\_235\_37 | SAMN39639859 | [JBDVUI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUI000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 14 | 120.7 | 3.16 |
| AQ.39.F.D5\_24\_28 | SAMN39639864 | [JBDVUN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUN000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 3.53E+05 | 0.55 | 22 | 11.5 | 3.17 |
| LC.172.F.D2\_251\_17 | SAMN39639878 | [JBDVVB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVB000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 15 | 113.7 | 3.16 |
| LC.123.F.D2\_252\_8 | SAMN39639895 | [JBDVVS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVS000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 13 | 299.1 | 3.16 |
| LC.03.F.B2\_259\_37 | SAMN39639900 | [JBDVVX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVX000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 14 | 168.2 | 3.16 |
| AQ.40.F.A1\_26\_15 | SAMN39639907 | [JBDVWE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWE000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 3.51E+05 | 0.55 | 16 | 120.9 | 3.17 |
| AQ.22.F.C3\_27\_1 | SAMN39639918 | [JBDVWP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWP000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 15 | 65.1 | 3.16 |
| CI.04.F.C2\_28\_32 | SAMN39639929 | [JBDVXA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXA000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 2.84E+05 | 0.55 | 43 | 10.4 | 3.16 |
| LC.105.F.D3\_287\_47 | SAMN39639941 | [JBDVXM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXM000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 16 | 122.3 | 3.16 |
| AQ.08.F.D1\_29\_10 | SAMN39639946 | [JBDVXR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXR000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 14 | 32.3 | 3.15 |
| LC.173.F.D1\_294\_43 | SAMN39639960 | [JBDVYF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYF000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.53 | 14 | 104.5 | 3.16 |
| AQ.25.F.B6\_3\_18 | SAMN39639969 | [JBDVYO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYO000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.53 | 14 | 4.6 | 3.15 |
| AQ.25.F.B6\_3\_48 | SAMN39639972 | [JBDVYR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYR000000000.1/) | *Nonlabens ulvanivorans* | 99.9 | 0.1 | 1.06E+06 | 0.59 | 10 | 8.2 | 4.96 |
| AQ.36.F.B5\_30\_21 | SAMN39639982 | [JBDVZB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZB000000000.1/) | *Nonlabens ulvanivorans* | 99.9 | 2.3 | 3.51E+05 | 0.62 | 17 | 7.3 | 3.19 |
| LC.07.F.D4\_302\_20 | SAMN39639991 | [JBDVZK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZK000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.61 | 14 | 124.7 | 3.16 |
| AQ.29.F.C3\_31\_38 | SAMN39640005 | [JBDVZY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZY000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 3.51E+05 | 0.61 | 18 | 173.2 | 3.17 |
| AQ.33.F.A4\_34\_94 | SAMN39640036 | [JBDWBD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBD000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.6 | 15 | 4.6 | 3.16 |
| LC.111.F.C3\_358\_010 | SAMN39640050 | [JBDWBR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBR000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.34E+05 | 0.61 | 79 | 6.8 | 2.92 |
| AQ.31.F.A4\_36\_59 | SAMN39640058 | [JBDWBZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBZ000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.02E+05 | 0.61 | 17 | 168.0 | 3.16 |
| LC.212.M.A5\_371\_8 | SAMN39640086 | [JBDWDB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDB000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.2 | 4.68E+04 | 0.61 | 99 | 10.0 | 3.16 |
| LC.120.F.D4\_374\_70 | SAMN39640094 | [JBDWDJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDJ000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.62 | 14 | 36.4 | 3.16 |
| AQ.09.F.A3\_38\_3 | SAMN39640102 | [JBDWDR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDR000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 1.30E+05 | 0.61 | 41 | 16.2 | 3.15 |
| AQ.61.F.B5\_39\_006 | SAMN39640119 | [JBDWEI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEI000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.5 | 3.51E+05 | 0.61 | 54 | 3.3 | 3.28 |
| AQ.24.F.C5\_40\_22 | SAMN39640129 | [JBDWES000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWES000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.57 | 16 | 8.1 | 3.16 |
| AQ.10.F.B2\_41\_58 | SAMN39640144 | [JBDWFH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFH000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.57 | 16 | 12.8 | 3.16 |
| CI.02.F.B4\_417\_96 | SAMN39640172 | [JBDWGJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGJ000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.57 | 13 | 27.1 | 3.16 |
| AQ.06.F.A6\_42\_007 | SAMN39640184 | [JBDWGV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGV000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 3.51E+05 | 0.57 | 33 | 98.5 | 3.21 |
| CI.01.F.A4\_420\_78 | SAMN39640199 | [JBDWHK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHK000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.57 | 14 | 60.4 | 3.16 |
| CI.59.F.A1\_421\_45 | SAMN39640206 | [JBDWHR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHR000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 3.51E+05 | 0.52 | 20 | 78.4 | 3.20 |
| LC.100.F.B2\_422\_59 | SAMN39640219 | [JBDWIE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIE000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.51 | 14 | 118.1 | 3.16 |
| CI.48.F.B2\_423\_24 | SAMN39640228 | [JBDWIN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIN000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.52 | 15 | 69.5 | 3.16 |
| CI.31.F.D2\_424\_010 | SAMN39640247 | [JBDWJG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJG000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.51 | 18 | 91.3 | 3.16 |
| CI.62.F.A4\_427\_81 | SAMN39640261 | [JBDWJU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJU000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.44 | 14 | 76.5 | 3.16 |
| CI.53.F.D4\_428\_81 | SAMN39640276 | [JBDWKJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKJ000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.44 | 13 | 76.3 | 3.16 |
| AQ.34.F.B6\_43\_3 | SAMN39640280 | [JBDWKN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKN000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.45 | 13 | 209.3 | 3.16 |
| AQ.25.M.D1\_44\_70 | SAMN39640294 | [JBDWLB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLB000000000.1/) | *Nonlabens ulvanivorans* | 99.9 | 2.4 | 3.51E+05 | 0.44 | 18 | 49.8 | 3.19 |
| LC.97.F.D4\_444\_68 | SAMN39640301 | [JBDWLI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLI000000000.1/) | *Nonlabens ulvanivorans* | 97.3 | 1.7 | 3.19E+04 | 0.44 | 159 | 8.7 | 3.14 |
| CI.26.M.D5\_445\_50 | SAMN39640313 | [JBDWLU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLU000000000.1/) | *Nonlabens ulvanivorans* | 99.9 | 1.8 | 3.34E+04 | 0.44 | 204 | 5.5 | 3.11 |
| CI.22.F.D2\_448\_41 | SAMN39640323 | [JBDWME000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWME000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.44 | 14 | 28.0 | 3.16 |
| CI.08.M.A6\_451\_49 | SAMN39640359 | [JBDWNO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNO000000000.1/) | *Nonlabens ulvanivorans* | 93.7 | 0.3 | 6.76E+03 | 0.44 | 540 | 8.6 | 2.68 |
| CI.12.F.B2\_456\_28 | SAMN39640367 | [JBDWNW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNW000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 1.24E+05 | 0.44 | 52 | 9.4 | 3.16 |
| AQ.35.F.B2\_46\_70 | SAMN39640389 | [JBDWOS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOS000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 3.51E+05 | 0.44 | 17 | 95.7 | 3.15 |
| LC.116.F.D3\_460\_26 | SAMN39640395 | [JBDWOY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOY000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.64 | 16 | 26.1 | 3.16 |
| AQ.60.F.B1\_47\_116 | SAMN39640425 | [JBDWQC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQC000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.64 | 14 | 341.6 | 3.16 |
| LC.107.M.D6\_472\_86 | SAMN39640441 | [JBDWQS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQS000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.64 | 14 | 65.5 | 3.15 |
| LC.02.F.A2\_479\_70 | SAMN39640460 | [JBDWRL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRL000000000.1/) | *Nonlabens ulvanivorans* | 94.1 | 1.3 | 3.51E+05 | 0.65 | 15 | 413.0 | 3.13 |
| AQ.13.M.D6\_48\_114 | SAMN39640466 | [JBDWRR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRR000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 3.51E+05 | 0.64 | 17 | 37.9 | 3.18 |
| CI.47.F.D1\_481\_4 | SAMN39640479 | [JBDWSE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSE000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.64 | 15 | 103.4 | 3.16 |
| LC.104.M.D5\_486\_44 | SAMN39640499 | [JBDWSY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSY000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.64 | 16 | 127.7 | 3.16 |
| AQ.13.F.D5\_49\_78 | SAMN39640511 | [JBDWTK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTK000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.64 | 14 | 3.7 | 3.16 |
| LC.119.F.A4\_494\_14 | SAMN39640513 | [JBDWTM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTM000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.64 | 15 | 121.4 | 3.16 |
| LC.09.M.C6\_495\_98 | SAMN39640535 | [JBDWUI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUI000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.64 | 18 | 209.8 | 3.17 |
| AQ.37.F.C6\_499\_011 | SAMN39640548 | [JBDWUV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUV000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 3.51E+05 | 0.64 | 32 | 342.7 | 3.20 |
| AQ.15.M.B6\_50\_81 | SAMN39640556 | [JBDWVD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVD000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 1.80E+05 | 0.64 | 36 | 11.7 | 3.16 |
| LC.11.M.A6\_500\_32 | SAMN39640564 | [JBDWVL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVL000000000.1/) | *Nonlabens ulvanivorans* | 93.5 | 0.9 | 7.28E+03 | 0.64 | 527 | 9.7 | 2.72 |
| CI.40.F.D2\_503\_48 | SAMN39640570 | [JBDWVR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVR000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.64 | 15 | 89.8 | 3.16 |
| LC.103.F.C4\_504\_13 | SAMN39640578 | [JBDWVZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVZ000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.64 | 17 | 33.8 | 3.16 |
| CB.67.F.C4\_506\_51 | SAMN39640593 | [JBDWWO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWO000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 1.94E+05 | 0.64 | 27 | 14.3 | 3.17 |
| LC.02.F.D2\_507\_20 | SAMN39640595 | [JBDWWQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWQ000000000.1/) | *Nonlabens ulvanivorans* | 99.9 | 2.4 | 3.51E+05 | 0.64 | 21 | 37.6 | 3.20 |
| LC.122.F.C4\_512\_85 | SAMN39640632 | [JBDWYB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYB000000000.1/) | *Nonlabens ulvanivorans* | 99.6 | 0.0 | 3.11E+05 | 0.64 | 18 | 63.2 | 3.13 |
| CI.26.F.C1\_514\_103 | SAMN39640640 | [JBDWYJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYJ000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.64 | 17 | 161.1 | 3.17 |
| AQ.26.F.B4\_52\_41 | SAMN39640655 | [JBDWYY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYY000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 16 | 9.2 | 3.16 |
| LC.110.F.C1\_528\_25 | SAMN39640665 | [JBDWZI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZI000000000.1/) | *Nonlabens ulvanivorans* | 99.5 | 1.2 | 7.73E+04 | 0.55 | 59 | 12.9 | 3.18 |
| CI.32.F.D1\_540\_75 | SAMN39640714 | [JBDXBF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBF000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.1 | 1.38E+05 | 0.55 | 44 | 7.3 | 3.19 |
| CB.47.M.B5\_56\_2 | SAMN39640727 | [JBDXBS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBS000000000.1/) | *Nonlabens ulvanivorans* | 99.9 | 0.0 | 3.75E+05 | 0.55 | 12 | 19.1 | 3.70 |
| LC.04.F.C4\_573\_94 | SAMN39640766 | [JBDXDF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDF000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.55 | 16 | 64.7 | 3.16 |
| AQ.12.M.C3\_6\_118 | SAMN39640776 | [JBDXDP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDP000000000.1/) | *Nonlabens ulvanivorans* | 99.9 | 2.3 | 3.51E+05 | 0.55 | 17 | 7.2 | 3.19 |
| CI.28.F.A3\_66\_40 | SAMN39640819 | [JBDXFG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFG000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 1.06E+05 | 0.48 | 63 | 13.3 | 3.13 |
| AQ.11.F.C4\_7\_86 | SAMN39640836 | [JBDXFX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFX000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.48 | 14 | 4.0 | 3.16 |
| CI.39.F.B3\_74\_72 | SAMN39640857 | [JBDXGS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGS000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 7.8 | 1.02E+05 | 0.48 | 105 | 2.5 | 3.31 |
| AQ.40.F.B6\_8\_53 | SAMN39640881 | [JBDXHQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHQ000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.1 | 3.02E+05 | 0.42 | 22 | 3.5 | 3.16 |
| AQ.18.F.C1\_83\_39 | SAMN39640906 | [JBDXIP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIP000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.8 | 3.51E+05 | 0.57 | 17 | 17.8 | 3.19 |
| CB.68.F.D4\_84\_24 | SAMN39640912 | [JBDXIV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIV000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 1.7 | 2.86E+05 | 0.57 | 44 | 15.9 | 3.20 |
| CI.56.F.D2\_86\_10 | SAMN39640917 | [JBDXJA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJA000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.7 | 1.21E+05 | 0.57 | 40 | 9.6 | 3.17 |
| CI.14.F.D1\_90\_39 | SAMN39640938 | [JBDXJV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJV000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 4.68E+05 | 0.58 | 15 | 104.1 | 3.16 |
| AQ.32.F.A2\_91\_53 | SAMN39640952 | [JBDXKJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKJ000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 3.51E+05 | 0.57 | 16 | 86.6 | 3.17 |
| AQ.12.F.C3\_92\_62 | SAMN39640962 | [JBDXKT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKT000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 3.51E+05 | 0.58 | 17 | 63.6 | 3.17 |
| CB.05.F.D2\_97\_41 | SAMN39640983 | [JBDXLO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLO000000000.1/) | *Nonlabens ulvanivorans* | 100.0 | 0.0 | 3.46E+05 | 0.58 | 23 | 41.3 | 3.16 |
| CB.43.F.B2\_119\_56 | SAMN39639315 | [JBDUZK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZK000000000.1/) | *Alphaproteobacteria bacterium* | 98.9 | 0.9 | 4.14E+05 | 0.57 | 16 | 28.6 | 3.95 |
| CB.37.F.D4\_140\_106 | SAMN39639455 | [JBDVEU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEU000000000.1/) | *Alphaproteobacteria bacterium* | 99.8 | 0.9 | 6.90E+05 | 0.58 | 13 | 74.7 | 3.99 |
| LC.102.F.A1\_144\_62 | SAMN39639476 | [JBDVFP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFP000000000.1/) | *Alphaproteobacteria bacterium* | 99.2 | 0.9 | 6.18E+05 | 0.58 | 13 | 27.5 | 3.94 |
| CB.64.M.A6\_145\_17 | SAMN39639481 | [JBDVFU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFU000000000.1/) | *Alphaproteobacteria bacterium* | 100.0 | 0.9 | 6.90E+05 | 0.58 | 13 | 54.1 | 3.98 |
| AQ.64.F.B3\_146\_21 | SAMN39639490 | [JBDVGD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGD000000000.1/) | *Alphaproteobacteria bacterium* | 99.8 | 1.3 | 9.38E+04 | 0.58 | 75 | 18.0 | 3.93 |
| CB.48.F.D1\_157\_51 | SAMN39639514 | [JBDVHB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHB000000000.1/) | *Alphaproteobacteria bacterium* | 100.0 | 0.9 | 6.90E+05 | 0.58 | 11 | 107.6 | 3.99 |
| CB.75.F.D4\_158\_11 | SAMN39639517 | [JBDVHE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHE000000000.1/) | *Alphaproteobacteria bacterium* | 99.1 | 1.0 | 2.63E+05 | 0.57 | 21 | 24.2 | 3.94 |
| CB.01.F.D3\_159\_007 | SAMN39639539 | [JBDVIA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIA000000000.1/) | *Alphaproteobacteria bacterium* | 99.4 | 6.1 | 4.57E+05 | 0.58 | 99 | 5.3 | 3.95 |
| AQ.28.F.A5\_164\_011 | SAMN39639562 | [JBDVIX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIX000000000.1/) | *Alphaproteobacteria bacterium* | 99.5 | 2.4 | 5.87E+05 | 0.58 | 71 | 4.1 | 4.20 |
| LC.106.F.A4\_166\_0 | SAMN39639563 | [JBDVIY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIY000000000.1/) | *Alphaproteobacteria bacterium* | 99.1 | 1.0 | 6.89E+05 | 0.58 | 11 | 45.1 | 3.94 |
| AQ.50.F.D1\_171\_54 | SAMN39639600 | [JBDVKJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKJ000000000.1/) | *Alphaproteobacteria bacterium* | 90.9 | 5.6 | 5.01E+03 | 0.58 | 875 | 6.2 | 3.41 |
| LC.119.F.D4\_174\_49 | SAMN39639622 | [JBDVLF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLF000000000.1/) | *Alphaproteobacteria bacterium* | 99.8 | 0.9 | 4.57E+05 | 0.58 | 21 | 19.8 | 3.98 |
| CB.49.F.A1\_179\_66 | SAMN39639647 | [JBDVME000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVME000000000.1/) | *Alphaproteobacteria bacterium* | 99.1 | 0.8 | 6.27E+05 | 0.58 | 13 | 59.3 | 3.95 |
| LC.109.F.C4\_184\_97 | SAMN39639674 | [JBDVNF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNF000000000.1/) | *Alphaproteobacteria bacterium* | 90.2 | 1.8 | 9.40E+03 | 0.57 | 452 | 7.4 | 3.40 |
| LC.06.F.A3\_204\_1 | SAMN39639737 | [JBDVPQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPQ000000000.1/) | *Alphaproteobacteria bacterium* | 98.3 | 0.6 | 2.24E+05 | 0.58 | 31 | 17.3 | 3.96 |
| CI.62.F.A4\_427\_120 | SAMN39640252 | [JBDWJL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJL000000000.1/) | *Alphaproteobacteria bacterium* | 98.9 | 0.9 | 5.94E+05 | 0.58 | 12 | 43.8 | 3.94 |
| CI.22.F.D2\_448\_008 | SAMN39640332 | [JBDWMN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMN000000000.1/) | *Alphaproteobacteria bacterium* | 99.5 | 1.0 | 3.05E+05 | 0.58 | 36 | 17.3 | 3.92 |
| CI.08.F.C4\_449\_31 | SAMN39640338 | [JBDWMT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMT000000000.1/) | *Alphaproteobacteria bacterium* | 100.0 | 0.9 | 2.35E+05 | 0.58 | 32 | 15.2 | 3.98 |
| CI.51.M.D6\_450\_46 | SAMN39640350 | [JBDWNF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNF000000000.1/) | *Alphaproteobacteria bacterium* | 100.0 | 0.9 | 5.35E+05 | 0.38 | 15 | 45.0 | 3.98 |
| CI.08.M.A6\_451\_68 | SAMN39640361 | [JBDWNQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNQ000000000.1/) | *Alphaproteobacteria bacterium* | 99.8 | 1.0 | 5.35E+05 | 0.57 | 14 | 27.7 | 3.98 |
| CI.12.F.B2\_456\_002 | SAMN39640374 | [JBDWOD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOD000000000.1/) | *Alphaproteobacteria bacterium* | 100.0 | 8.6 | 4.36E+05 | 0.58 | 276 | 2.4 | 4.16 |
| CI.17.F.C3\_459\_46 | SAMN39640381 | [JBDWOK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOK000000000.1/) | *Alphaproteobacteria bacterium* | 100.0 | 0.9 | 4.57E+05 | 0.57 | 18 | 26.7 | 3.97 |
| LC.116.F.D3\_460\_14 | SAMN39640394 | [JBDWOX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOX000000000.1/) | *Alphaproteobacteria bacterium* | 98.9 | 2.4 | 3.51E+04 | 0.52 | 153 | 9.9 | 3.89 |
| CI.11.F.A3\_462\_37 | SAMN39640408 | [JBDWPL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPL000000000.1/) | *Alphaproteobacteria bacterium* | 99.0 | 5.3 | 2.35E+05 | 0.61 | 38 | 18.5 | 4.21 |
| CI.24.F.A4\_463\_38 | SAMN39640419 | [JBDWPW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPW000000000.1/) | *Alphaproteobacteria bacterium* | 98.3 | 2.4 | 2.71E+04 | 0.61 | 214 | 9.3 | 3.86 |
| LC.107.M.D6\_472\_70 | SAMN39640440 | [JBDWQR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQR000000000.1/) | *Alphaproteobacteria bacterium* | 93.4 | 0.9 | 3.90E+05 | 0.61 | 16 | 24.6 | 3.78 |
| LC.02.F.A2\_479\_47 | SAMN39640453 | [JBDWRE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRE000000000.1/) | *Alphaproteobacteria bacterium* | 99.1 | 0.9 | 5.35E+05 | 0.61 | 18 | 28.8 | 3.96 |
| LC.104.M.D5\_486\_119 | SAMN39640494 | [JBDWST000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWST000000000.1/) | *Alphaproteobacteria bacterium* | 99.7 | 1.0 | 3.62E+05 | 0.61 | 19 | 21.1 | 3.98 |
| LC.119.F.A4\_494\_40 | SAMN39640518 | [JBDWTR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTR000000000.1/) | *Alphaproteobacteria bacterium* | 99.0 | 1.3 | 1.07E+05 | 0.61 | 58 | 14.4 | 3.94 |
| LC.09.M.C6\_495\_004 | SAMN39640536 | [JBDWUJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUJ000000000.1/) | *Alphaproteobacteria bacterium* | 98.9 | 5.6 | 6.19E+05 | 0.61 | 124 | 3.4 | 4.10 |
| LC.07.F.A4\_511\_42 | SAMN39640614 | [JBDWXJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXJ000000000.1/) | *Alphaproteobacteria bacterium* | 98.4 | 1.3 | 4.52E+04 | 0.61 | 130 | 12.0 | 3.70 |
| LC.122.F.C4\_512\_017 | SAMN39640638 | [JBDWYH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYH000000000.1/) | *Alphaproteobacteria bacterium* | 99.3 | 4.3 | 2.35E+05 | 0.61 | 205 | 4.3 | 4.17 |
| CI.26.F.C1\_514\_54 | SAMN39640643 | [JBDWYM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYM000000000.1/) | *Alphaproteobacteria bacterium* | 99.8 | 1.1 | 6.90E+05 | 0.61 | 17 | 23.4 | 3.87 |
| LC.08.F.B1\_563\_009 | SAMN39640746 | [JBDXCL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCL000000000.1/) | *Alphaproteobacteria bacterium* | 98.4 | 1.3 | 6.90E+05 | 0.61 | 41 | 26.0 | 3.78 |
| LC.102.F.C1\_567\_22 | SAMN39640750 | [JBDXCP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCP000000000.1/) | *Alphaproteobacteria bacterium* | 100.0 | 0.9 | 5.35E+05 | 0.38 | 17 | 33.9 | 3.98 |
| LC.04.F.C4\_573\_22 | SAMN39640760 | [JBDXCZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCZ000000000.1/) | *Alphaproteobacteria bacterium* | 99.7 | 1.0 | 6.99E+05 | 0.61 | 12 | 33.9 | 3.98 |
| CI.26.F.C1\_514\_108 | SAMN39640641 | [JBDWYK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYK000000000.1/) | *Alphaproteobacteria bacterium* | 91.8 | 0.6 | 2.02E+04 | 0.61 | 280 | 9.0 | 3.65 |
| LC.04.F.C4\_573\_103 | SAMN39640756 | [JBDXCV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCV000000000.1/) | *Alphaproteobacteria bacterium* | 98.8 | 0.6 | 7.96E+05 | 0.61 | 15 | 27.4 | 3.77 |
| AQ.63.F.D4\_12\_72 | SAMN39639332 | [JBDVAB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAB000000000.1/) | *Bauldia litoralis* | 98.1 | 0.4 | 3.24E+04 | 0.61 | 249 | 11.1 | 4.92 |
| LC.09.F.B3\_212\_79 | SAMN39639767 | [JBDVQU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQU000000000.1/) | *Bauldia litoralis* | 96.6 | 1.1 | 2.41E+04 | 0.61 | 314 | 8.9 | 4.91 |
| CI.51.M.D6\_450\_17 | SAMN39640348 | [JBDWND000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWND000000000.1/) | *Bauldia litoralis* | 99.1 | 0.6 | 6.85E+04 | 0.61 | 129 | 13.4 | 5.11 |
| CI.17.F.C3\_459\_91 | SAMN39640383 | [JBDWOM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOM000000000.1/) | *Bauldia litoralis* | 99.2 | 1.7 | 3.51E+04 | 0.61 | 232 | 11.4 | 5.16 |
| LC.02.F.A2\_479\_62 | SAMN39640457 | [JBDWRI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRI000000000.1/) | *Bauldia litoralis* | 99.7 | 2.6 | 1.88E+04 | 0.61 | 391 | 8.4 | 5.18 |
| LC.08.F.B1\_563\_014 | SAMN39640747 | [JBDXCM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCM000000000.1/) | *Bauldia litoralis* | 100.0 | 0.0 | 2.83E+05 | 0.61 | 40 | 4.1 | 4.96 |
| CB.43.F.B2\_119\_58 | SAMN39639317 | [JBDUZM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZM000000000.1/) | *Halioglobus sp.* | 100.0 | 0.2 | 2.86E+05 | 0.39 | 35 | 46.5 | 3.89 |
| LC.08.F.B1\_563\_42 | SAMN39640741 | [JBDXCG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCG000000000.1/) | *Halioglobus sp.* | 100.0 | 0.3 | 2.09E+06 | 0.65 | 6 | 76.8 | 3.73 |
| AQ.11.F.C4\_7\_003 | SAMN39640838 | [JBDXFZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFZ000000000.1/) | *Halioglobus sp.* | 100.0 | 0.1 | 5.29E+05 | 0.66 | 234 | 7.7 | 4.17 |
| CB.35.M.A6\_128\_84 | SAMN39639394 | [JBDVCL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCL000000000.1/) | *Pseudophaeobacter sp.* | 100.0 | 0.7 | 1.06E+05 | 0.65 | 73 | 12.8 | 4.29 |
| AQ.08.F.D1\_29\_4 | SAMN39639948 | [JBDVXT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXT000000000.1/) | *Pseudophaeobacter sp.* | 93.1 | 3.4 | 1.94E+04 | 0.65 | 376 | 9.2 | 4.54 |
| LC.07.F.A4\_511\_41 | SAMN39640613 | [JBDWXI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXI000000000.1/) | *Pseudophaeobacter sp.* | 100.0 | 1.3 | 1.07E+05 | 0.66 | 81 | 13.2 | 4.45 |
| LC.123.F.A2\_558\_60 | SAMN39640723 | [JBDXBO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBO000000000.1/) | *Pseudophaeobacter sp.* | 100.0 | 0.1 | 1.80E+05 | 0.66 | 47 | 54.9 | 4.81 |
| CI.32.F.D1\_540\_52 | SAMN39640711 | [JBDXBC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBC000000000.1/) | *Cobetia amphilecti* | 100.0 | 0.5 | 5.35E+04 | 0.66 | 128 | 11.6 | 4.24 |
| LC.122.F.C4\_512\_38 | SAMN39640626 | [JBDWXV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXV000000000.1/) | *Saccharospirillum sp.* | 100.0 | 1.0 | 2.94E+05 | 0.66 | 25 | 40.8 | 4.70 |
| LC.110.F.C1\_528\_107 | SAMN39640661 | [JBDWZE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZE000000000.1/) | *Saccharospirillum sp.* | 99.9 | 0.9 | 3.14E+05 | 0.65 | 28 | 59.1 | 4.68 |
| CI.40.F.A2\_529\_48 | SAMN39640676 | [JBDWZT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZT000000000.1/) | *Saccharospirillum sp.* | 99.8 | 0.8 | 3.29E+05 | 0.65 | 23 | 28.5 | 4.65 |
| CI.32.F.D1\_540\_71 | SAMN39640713 | [JBDXBE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBE000000000.1/) | *Saccharospirillum sp.* | 100.0 | 1.1 | 7.22E+04 | 0.65 | 108 | 10.1 | 4.67 |
| LC.123.F.A2\_558\_5 | SAMN39640722 | [JBDXBN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBN000000000.1/) | *Saccharospirillum sp.* | 99.8 | 0.8 | 1.63E+05 | 0.66 | 39 | 87.2 | 4.62 |
| LC.100.F.D2\_188\_21 | SAMN39639680 | [JBDVNL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNL000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.4 | 1.61E+05 | 0.65 | 50 | 26.4 | 4.82 |
| AQ.07.F.C5\_194\_26 | SAMN39639695 | [JBDVOA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOA000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.4 | 2.29E+05 | 0.66 | 43 | 153.8 | 4.85 |
| LC.101.F.A3\_199\_57 | SAMN39639710 | [JBDVOP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOP000000000.1/) | *Paracoccaceae bacterium* | 91.9 | 1.3 | 2.29E+05 | 0.66 | 46 | 146.7 | 4.69 |
| LC.06.F.A3\_204\_78 | SAMN39639745 | [JBDVPY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPY000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 1.0 | 1.99E+05 | 0.66 | 48 | 123.6 | 4.87 |
| LC.09.F.B3\_212\_7 | SAMN39639765 | [JBDVQS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQS000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 4.9 | 2.00E+05 | 0.66 | 62 | 152.5 | 5.45 |
| LC.122.F.D4\_220\_43 | SAMN39639790 | [JBDVRR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRR000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.8 | 2.10E+05 | 0.65 | 48 | 108.6 | 4.86 |
| CI.47.F.D1\_481\_31 | SAMN39640477 | [JBDWSC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSC000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 1.0 | 2.29E+05 | 0.66 | 47 | 201.4 | 4.83 |
| CB.67.F.C4\_506\_40 | SAMN39640591 | [JBDWWM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWM000000000.1/) | *Paracoccaceae bacterium* | 91.3 | 1.7 | 1.15E+04 | 0.65 | 487 | 7.6 | 4.43 |
| LC.07.F.A4\_511\_74 | SAMN39640619 | [JBDWXO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXO000000000.1/) | *Paracoccaceae bacterium* | 99.5 | 8.1 | 8.30E+04 | 0.65 | 259 | 4.8 | 6.65 |
| LC.110.F.C1\_528\_116 | SAMN39640663 | [JBDWZG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZG000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 2.1 | 2.54E+05 | 0.65 | 48 | 152.2 | 5.04 |
| LC.08.F.B1\_563\_20 | SAMN39640739 | [JBDXCE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCE000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 4.7 | 1.61E+05 | 0.65 | 105 | 9.2 | 5.96 |
| CI.62.F.A4\_427\_73 | SAMN39640260 | [JBDWJT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJT000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 5.13E+05 | 0.66 | 15 | 474.3 | 3.43 |
| LC.122.F.C4\_512\_68 | SAMN39640630 | [JBDWXZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXZ000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 3.2 | 4.05E+05 | 0.65 | 43 | 3.9 | 3.52 |
| CI.26.F.C1\_514\_50 | SAMN39640642 | [JBDWYL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYL000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 5.59E+05 | 0.65 | 12 | 48.2 | 3.36 |
| LC.122.F.C4\_512\_010 | SAMN39640637 | [JBDWYG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYG000000000.1/) | *Aliiglaciecola sp.* | 100.0 | 0.1 | 1.57E+05 | 0.66 | 95 | 4.9 | 4.92 |
| CB.34.F.B4\_102\_24 | SAMN39639220 | [JBDUVT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVT000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.3 | 3.06E+05 | 0.65 | 22 | 17.0 | 3.90 |
| LC.173.F.D1\_294\_84 | SAMN39639967 | [JBDVYM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYM000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.0 | 8.62E+05 | 0.65 | 11 | 296.9 | 3.67 |
| LC.07.F.D4\_302\_34 | SAMN39639994 | [JBDVZN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZN000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.0 | 8.62E+05 | 0.66 | 9 | 79.3 | 3.67 |
| LC.369.M.C6\_330\_2 | SAMN39640021 | [JBDWAO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAO000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.3 | 6.12E+05 | 0.65 | 11 | 202.1 | 3.88 |
| LC.07.F.A4\_511\_79 | SAMN39640620 | [JBDWXP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXP000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.0 | 8.61E+05 | 0.65 | 9 | 46.2 | 3.66 |
| LC.122.F.C4\_512\_39 | SAMN39640627 | [JBDWXW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXW000000000.1/) | *Parvibaculum sp.* | 99.9 | 0.0 | 8.70E+05 | 0.66 | 9 | 446.9 | 3.61 |
| LC.111.F.C3\_358\_33 | SAMN39640041 | [JBDWBI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBI000000000.1/) | *Haloferula sp.* | 97.8 | 0.1 | 6.51E+05 | 0.65 | 16 | 70.7 | 4.83 |
| LC.07.F.A4\_511\_50 | SAMN39640615 | [JBDWXK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXK000000000.1/) | *Haloferula sp.* | 97.8 | 0.0 | 1.23E+06 | 0.65 | 17 | 27.1 | 4.83 |
| CI.40.F.D2\_503\_60 | SAMN39640573 | [JBDWVU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVU000000000.1/) | *Alloalcanivorax sp.* | 100.0 | 0.1 | 1.31E+05 | 0.66 | 52 | 16.2 | 3.72 |
| LC.289.M.D5\_395\_85 | SAMN39640125 | [JBDWEO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEO000000000.1/) | *Shimia thalassica* | 100.0 | 1.7 | 3.76E+05 | 0.66 | 44 | 92.9 | 4.84 |
| CI.02.F.B4\_417\_34 | SAMN39640167 | [JBDWGE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGE000000000.1/) | *Shimia thalassica* | 100.0 | 0.2 | 4.06E+05 | 0.65 | 31 | 75.8 | 4.49 |
| LC.104.M.D5\_486\_82 | SAMN39640502 | [JBDWTB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTB000000000.1/) | *Shimia thalassica* | 100.0 | 3.3 | 4.18E+05 | 0.65 | 62 | 39.7 | 4.93 |
| LC.11.M.A6\_500\_70 | SAMN39640567 | [JBDWVO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVO000000000.1/) | *Shimia thalassica* | 100.0 | 0.0 | 4.58E+05 | 0.65 | 22 | 71.0 | 4.37 |
| LC.11.M.A6\_500\_36 | SAMN39640565 | [JBDWVM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVM000000000.1/) | *Planktotalea sp.* | 90.4 | 1.9 | 1.13E+04 | 0.65 | 485 | 7.7 | 4.11 |
| AQ.37.F.C6\_499\_34 | SAMN39640541 | [JBDWUO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUO000000000.1/) | *Winogradskyella arenosi* | 99.9 | 0.4 | 4.49E+05 | 0.65 | 19 | 15.3 | 3.60 |
| AQ.18.M.A2\_9\_013 | SAMN39640932 | [JBDXJP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJP000000000.1/) | *Winogradskyella arenosi* | 91.6 | 4.7 | 2.60E+04 | 0.65 | 343 | 4.0 | 3.54 |
| CI.54.F.A1\_99\_34 | SAMN39640996 | [JBDXMB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXMB000000000.1/) | *Winogradskyella arenosi* | 100.0 | 0.1 | 9.28E+04 | 0.65 | 69 | 5.3 | 3.64 |
| AQ.03.F.D1\_10\_52 | SAMN39639215 | [JBDUVO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVO000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.3 | 1.18E+06 | 0.65 | 8 | 82.2 | 3.44 |
| CB.34.F.B4\_102\_34 | SAMN39639222 | [JBDUVV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVV000000000.1/) | *Parasphingorhabdus sp.* | 90.2 | 0.3 | 1.33E+04 | 0.65 | 329 | 6.8 | 3.11 |
| CI.27.F.A2\_106\_14 | SAMN39639248 | [JBDUWV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWV000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 1.5 | 2.21E+04 | 0.65 | 209 | 9.2 | 3.28 |
| CB.41.F.D1\_109\_7 | SAMN39639265 | [JBDUXM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXM000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 1.18E+06 | 0.65 | 5 | 107.9 | 3.37 |
| CB.59.F.A3\_113\_52 | SAMN39639276 | [JBDUXX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXX000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 1.18E+06 | 0.66 | 5 | 74.9 | 3.37 |
| CB.66.F.B1\_115\_57 | SAMN39639288 | [JBDUYJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYJ000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 1.06E+06 | 0.65 | 7 | 67.5 | 3.41 |
| CB.43.F.B2\_119\_23 | SAMN39639308 | [JBDUZD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZD000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 1.06E+06 | 0.65 | 7 | 127.7 | 3.41 |
| CB.10.F.C1\_120\_43 | SAMN39639341 | [JBDVAK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAK000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 6.18E+05 | 0.66 | 14 | 5.9 | 3.37 |
| CB.04.M.C5\_124\_70 | SAMN39639368 | [JBDVBL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBL000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 1.06E+06 | 0.65 | 7 | 40.6 | 3.41 |
| CB.42.M.D5\_127\_90 | SAMN39639382 | [JBDVBZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBZ000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 9.07E+05 | 0.65 | 7 | 25.0 | 3.37 |
| CB.54.F.C2\_137\_13 | SAMN39639420 | [JBDVDL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDL000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 5.98E+05 | 0.65 | 9 | 3.6 | 3.38 |
| CB.37.F.D4\_140\_110 | SAMN39639456 | [JBDVEV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEV000000000.1/) | *Parasphingorhabdus sp.* | 99.8 | 0.2 | 8.35E+05 | 0.65 | 7 | 45.6 | 3.16 |
| CB.04.F.A3\_155\_43 | SAMN39639502 | [JBDVGP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGP000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 2.86E+05 | 0.66 | 20 | 16.3 | 3.30 |
| AQ.62.F.A5\_17\_18 | SAMN39639583 | [JBDVJS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJS000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 9.07E+05 | 0.66 | 6 | 64.0 | 3.37 |
| CB.49.F.A1\_179\_31 | SAMN39639641 | [JBDVLY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLY000000000.1/) | *Parasphingorhabdus sp.* | 94.6 | 0.7 | 1.34E+04 | 0.65 | 325 | 9.5 | 3.21 |
| CB.60.F.D1\_21\_55 | SAMN39639752 | [JBDVQF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQF000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 6.99E+05 | 0.65 | 7 | 19.5 | 3.37 |
| AQ.05.M.B6\_22\_76 | SAMN39639787 | [JBDVRO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRO000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 1.06E+06 | 0.65 | 8 | 116.0 | 3.42 |
| AQ.23.F.D2\_25\_47 | SAMN39639872 | [JBDVUV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUV000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 2.7 | 8.29E+05 | 0.65 | 6 | 220.7 | 3.45 |
| AQ.40.F.A1\_26\_30 | SAMN39639911 | [JBDVWI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWI000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 9.07E+05 | 0.66 | 6 | 33.1 | 3.37 |
| AQ.29.F.C3\_31\_25 | SAMN39640003 | [JBDVZW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZW000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 1.1 | 2.72E+05 | 0.66 | 17 | 17.5 | 3.37 |
| AQ.33.F.A4\_34\_93 | SAMN39640035 | [JBDWBC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBC000000000.1/) | *Parasphingorhabdus sp.* | 99.8 | 0.4 | 3.55E+04 | 0.66 | 158 | 9.5 | 3.36 |
| CI.60.F.C2\_37\_31 | SAMN39640068 | [JBDWCJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCJ000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 7.00E+05 | 0.66 | 6 | 28.7 | 3.37 |
| AQ.09.F.A3\_38\_86 | SAMN39640109 | [JBDWDY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDY000000000.1/) | *Parasphingorhabdus sp.* | 98.7 | 0.4 | 2.48E+04 | 0.65 | 189 | 10.0 | 3.29 |
| AQ.24.F.C5\_40\_80 | SAMN39640134 | [JBDWEX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEX000000000.1/) | *Parasphingorhabdus sp.* | 96.6 | 1.7 | 1.60E+04 | 0.65 | 291 | 5.4 | 3.21 |
| AQ.10.F.B2\_41\_7 | SAMN39640146 | [JBDWFJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFJ000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 1.06E+06 | 0.65 | 10 | 94.8 | 3.40 |
| LC.02.F.A2\_479\_7 | SAMN39640459 | [JBDWRK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRK000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 9.07E+05 | 0.65 | 8 | 23.8 | 3.39 |
| AQ.13.M.D6\_48\_72 | SAMN39640470 | [JBDWRV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRV000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 1.5 | 2.38E+04 | 0.66 | 219 | 8.4 | 3.27 |
| CI.47.F.D1\_481\_5 | SAMN39640481 | [JBDWSG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSG000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 1.18E+06 | 0.66 | 5 | 288.6 | 3.37 |
| LC.09.M.C6\_495\_57 | SAMN39640532 | [JBDWUF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUF000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 1.18E+06 | 0.65 | 6 | 518.5 | 3.38 |
| AQ.37.F.C6\_499\_63 | SAMN39640543 | [JBDWUQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUQ000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 9.07E+05 | 0.66 | 12 | 5.1 | 3.41 |
| LC.103.F.C4\_504\_58 | SAMN39640580 | [JBDWWB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWB000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 7.00E+05 | 0.65 | 9 | 60.5 | 3.42 |
| CI.26.F.C1\_514\_67 | SAMN39640645 | [JBDWYO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYO000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.3 | 1.12E+06 | 0.66 | 7 | 541.6 | 3.38 |
| LC.110.F.C1\_528\_89 | SAMN39640671 | [JBDWZO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZO000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 9.37E+05 | 0.65 | 7 | 234.9 | 3.37 |
| CB.53.M.C5\_54\_58 | SAMN39640701 | [JBDXAS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAS000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 1.06E+06 | 0.66 | 8 | 21.3 | 3.38 |
| LC.123.F.A2\_558\_71 | SAMN39640725 | [JBDXBQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBQ000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 1.18E+06 | 0.66 | 7 | 73.1 | 3.38 |
| CB.47.M.B5\_56\_79 | SAMN39640732 | [JBDXBX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBX000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 9.08E+05 | 0.65 | 6 | 27.4 | 3.37 |
| LC.04.F.C4\_573\_83 | SAMN39640762 | [JBDXDB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDB000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 1.18E+06 | 0.65 | 6 | 23.6 | 3.37 |
| AQ.21.M.B6\_64\_61 | SAMN39640806 | [JBDXET000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXET000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 1.06E+06 | 0.65 | 6 | 46.3 | 3.37 |
| AQ.11.F.C4\_7\_75 | SAMN39640834 | [JBDXFV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFV000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 1.06E+06 | 0.66 | 7 | 10.1 | 3.37 |
| CB.55.F.D4\_76\_69 | SAMN39640867 | [JBDXHC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHC000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.2 | 9.66E+05 | 0.66 | 6 | 52.8 | 3.28 |
| CI.32.F.A1\_77\_15 | SAMN39640871 | [JBDXHG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHG000000000.1/) | *Parasphingorhabdus sp.* | 92.9 | 1.0 | 1.32E+04 | 0.65 | 341 | 8.4 | 3.18 |
| AQ.21.F.C1\_80\_14 | SAMN39640886 | [JBDXHV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHV000000000.1/) | *Parasphingorhabdus sp.* | 97.5 | 1.6 | 2.60E+04 | 0.65 | 187 | 4.2 | 3.28 |
| AQ.18.F.C1\_83\_21 | SAMN39640902 | [JBDXIL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIL000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 9.07E+05 | 0.66 | 6 | 52.5 | 3.37 |
| CB.68.F.D4\_84\_37 | SAMN39640914 | [JBDXIX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIX000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 1.6 | 3.58E+04 | 0.66 | 151 | 5.8 | 3.30 |
| CI.14.F.D1\_90\_6 | SAMN39640942 | [JBDXJZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJZ000000000.1/) | *Parasphingorhabdus sp.* | 93.2 | 1.1 | 9.93E+03 | 0.65 | 402 | 9.1 | 3.11 |
| AQ.32.F.A2\_91\_47 | SAMN39640951 | [JBDXKI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKI000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 9.07E+05 | 0.66 | 6 | 49.0 | 3.37 |
| CI.03.F.D4\_94\_19 | SAMN39640965 | [JBDXKW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKW000000000.1/) | *Parasphingorhabdus sp.* | 94.8 | 0.3 | 4.38E+05 | 0.65 | 12 | 3.9 | 3.26 |
| CB.05.F.D2\_97\_15 | SAMN39640977 | [JBDXLI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLI000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.8 | 9.07E+05 | 0.65 | 8 | 25.3 | 3.41 |
| CI.31.F.D2\_424\_52 | SAMN39640241 | [JBDWJA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJA000000000.1/) | *Reichenbachiella sp.* | 94.6 | 2.1 | 1.50E+04 | 0.65 | 444 | 7.8 | 4.82 |
| LC.09.M.C6\_495\_37 | SAMN39640529 | [JBDWUC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUC000000000.1/) | *Reichenbachiella sp.* | 97.6 | 0.3 | 2.59E+05 | 0.65 | 40 | 15.8 | 5.02 |
| AQ.59A.F.C1\_14\_19 | SAMN39639446 | [JBDVEL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEL000000000.1/) | *Ekhidna sp.* | 99.8 | 0.4 | 1.37E+05 | 0.66 | 68 | 33.6 | 4.98 |
| LC.106.F.A4\_166\_64 | SAMN39639574 | [JBDVJJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJJ000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.06E+06 | 0.65 | 13 | 820.5 | 4.89 |
| LC.99.F.B1\_235\_30 | SAMN39639856 | [JBDVUF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUF000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.51E+06 | 0.65 | 10 | 353.0 | 4.89 |
| LC.172.F.D2\_251\_003 | SAMN39639883 | [JBDVVG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVG000000000.1/) | *Ekhidna sp.* | 99.9 | 0.3 | 1.06E+06 | 0.65 | 31 | 4.7 | 4.92 |
| LC.03.F.B2\_259\_006 | SAMN39639905 | [JBDVWC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWC000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 3.25E+06 | 0.66 | 30 | 719.1 | 4.93 |
| AQ.08.F.D1\_29\_008 | SAMN39639953 | [JBDVXY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXY000000000.1/) | *Ekhidna sp.* | 99.9 | 0.5 | 1.06E+06 | 0.65 | 46 | 6.9 | 5.03 |
| AQ.36.F.B5\_30\_48 | SAMN39639985 | [JBDVZE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZE000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.06E+06 | 0.65 | 12 | 511.7 | 4.97 |
| LC.07.F.D4\_302\_15 | SAMN39639989 | [JBDVZI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZI000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 3.25E+06 | 0.66 | 8 | 345.1 | 4.89 |
| AQ.31.F.A4\_36\_007 | SAMN39640063 | [JBDWCE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCE000000000.1/) | *Ekhidna sp.* | 100.0 | 5.7 | 1.06E+06 | 0.65 | 106 | 3.3 | 5.20 |
| AQ.09.F.A3\_38\_57 | SAMN39640105 | [JBDWDU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDU000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.06E+06 | 0.65 | 13 | 129.2 | 4.96 |
| AQ.24.F.C5\_40\_004 | SAMN39640137 | [JBDWFA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFA000000000.1/) | *Ekhidna sp.* | 99.8 | 0.2 | 1.06E+06 | 0.65 | 34 | 3.7 | 5.00 |
| AQ.10.F.B2\_41\_012 | SAMN39640151 | [JBDWFO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFO000000000.1/) | *Ekhidna sp.* | 99.9 | 1.5 | 1.06E+06 | 0.65 | 55 | 12.4 | 5.04 |
| AQ.06.F.A6\_42\_003 | SAMN39640182 | [JBDWGT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGT000000000.1/) | *Ekhidna sp.* | 99.9 | 0.3 | 9.58E+05 | 0.66 | 31 | 5.8 | 5.10 |
| CI.01.F.A4\_420\_36 | SAMN39640195 | [JBDWHG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHG000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.51E+06 | 0.66 | 8 | 927.3 | 4.88 |
| CI.31.F.D2\_424\_51 | SAMN39640240 | [JBDWIZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIZ000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.06E+06 | 0.65 | 12 | 1171.6 | 4.89 |
| CI.62.F.A4\_427\_88 | SAMN39640264 | [JBDWJX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJX000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.06E+06 | 0.65 | 13 | 299.7 | 4.93 |
| CI.53.F.D4\_428\_41 | SAMN39640272 | [JBDWKF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKF000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.06E+06 | 0.65 | 11 | 769.2 | 4.89 |
| AQ.34.F.B6\_43\_25 | SAMN39640279 | [JBDWKM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKM000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.06E+06 | 0.66 | 9 | 84.6 | 4.96 |
| LC.97.F.D4\_444\_35 | SAMN39640297 | [JBDWLE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLE000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.06E+06 | 0.65 | 13 | 40.1 | 4.90 |
| CI.22.F.D2\_448\_39 | SAMN39640321 | [JBDWMC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMC000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.06E+06 | 0.65 | 11 | 237.9 | 4.89 |
| CI.08.F.C4\_449\_91 | SAMN39640342 | [JBDWMX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMX000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.51E+06 | 0.65 | 11 | 101.0 | 4.91 |
| CI.51.M.D6\_450\_120 | SAMN39640343 | [JBDWMY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMY000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 9.58E+05 | 0.65 | 14 | 409.6 | 4.89 |
| CI.12.F.B2\_456\_61 | SAMN39640371 | [JBDWOA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOA000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.51E+06 | 0.66 | 12 | 159.3 | 4.89 |
| CI.17.F.C3\_459\_38 | SAMN39640380 | [JBDWOJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOJ000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.51E+06 | 0.65 | 13 | 47.6 | 4.91 |
| LC.116.F.D3\_460\_47 | SAMN39640399 | [JBDWPC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPC000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.51E+06 | 0.65 | 13 | 109.8 | 4.89 |
| CI.11.F.A3\_462\_15 | SAMN39640404 | [JBDWPH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPH000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.21E+06 | 0.65 | 12 | 74.9 | 4.89 |
| CI.24.F.A4\_463\_45 | SAMN39640420 | [JBDWPX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPX000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 3.25E+06 | 0.66 | 10 | 30.1 | 4.90 |
| LC.107.M.D6\_472\_013 | SAMN39640444 | [JBDWQV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQV000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.51E+06 | 0.66 | 40 | 24.6 | 4.95 |
| CI.47.F.D1\_481\_003 | SAMN39640486 | [JBDWSL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSL000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.51E+06 | 0.66 | 44 | 5.1 | 4.94 |
| LC.104.M.D5\_486\_111 | SAMN39640492 | [JBDWSR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSR000000000.1/) | *Ekhidna sp.* | 100.0 | 3.2 | 3.25E+06 | 0.66 | 15 | 733.2 | 4.93 |
| LC.09.M.C6\_495\_108 | SAMN39640525 | [JBDWTY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTY000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.06E+06 | 0.66 | 13 | 313.8 | 4.89 |
| AQ.15.M.B6\_50\_40 | SAMN39640552 | [JBDWUZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUZ000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 5.77E+05 | 0.65 | 20 | 11.9 | 4.96 |
| LC.11.M.A6\_500\_20 | SAMN39640563 | [JBDWVK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVK000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.58E+06 | 0.65 | 14 | 68.6 | 4.98 |
| LC.08.F.B1\_563\_10 | SAMN39640736 | [JBDXCB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCB000000000.1/) | *Ekhidna sp.* | 99.9 | 0.2 | 1.74E+05 | 0.65 | 54 | 12.7 | 4.89 |
| LC.102.F.C1\_567\_17 | SAMN39640749 | [JBDXCO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCO000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 1.06E+06 | 0.66 | 11 | 34.6 | 4.90 |
| LC.04.F.C4\_573\_28 | SAMN39640761 | [JBDXDA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDA000000000.1/) | *Ekhidna sp.* | 99.9 | 0.1 | 3.25E+06 | 0.66 | 10 | 91.8 | 4.89 |
| LC.105.F.D3\_287\_38 | SAMN39639940 | [JBDVXL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXL000000000.1/) | *Algibacter sp.* | 100.0 | 0.1 | 2.25E+05 | 0.65 | 46 | 57.6 | 4.54 |
| LC.107.M.D6\_472\_13 | SAMN39640436 | [JBDWQN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQN000000000.1/) | *Algibacter sp.* | 100.0 | 1.2 | 9.32E+04 | 0.66 | 113 | 11.1 | 4.81 |
| CI.47.F.D1\_481\_46 | SAMN39640480 | [JBDWSF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSF000000000.1/) | *Algibacter sp.* | 100.0 | 0.1 | 2.57E+05 | 0.65 | 45 | 20.3 | 4.79 |
| LC.09.M.C6\_495\_55 | SAMN39640531 | [JBDWUE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUE000000000.1/) | *Algibacter sp.* | 100.0 | 0.1 | 2.41E+05 | 0.65 | 47 | 21.3 | 4.77 |
| LC.07.F.A4\_511\_71 | SAMN39640618 | [JBDWXN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXN000000000.1/) | *Algibacter sp.* | 99.9 | 2.1 | 1.84E+05 | 0.66 | 54 | 18.1 | 4.60 |
| LC.110.F.C1\_528\_77 | SAMN39640668 | [JBDWZL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZL000000000.1/) | *Algibacter sp.* | 99.3 | 0.8 | 1.40E+05 | 0.66 | 71 | 14.6 | 4.52 |
| CI.22.F.D2\_448\_43 | SAMN39640324 | [JBDWMF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMF000000000.1/) | *Erythrobacter sp.* | 100.0 | 0.0 | 7.87E+05 | 0.66 | 12 | 187.7 | 2.84 |
| LC.116.F.D3\_460\_4 | SAMN39640397 | [JBDWPA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPA000000000.1/) | *Erythrobacter sp.* | 100.0 | 0.0 | 5.80E+05 | 0.65 | 13 | 123.4 | 2.82 |
| CI.47.F.D1\_481\_35 | SAMN39640478 | [JBDWSD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSD000000000.1/) | *Erythrobacter sp.* | 100.0 | 0.0 | 7.87E+05 | 0.65 | 10 | 116.5 | 2.82 |
| LC.104.M.D5\_486\_123 | SAMN39640496 | [JBDWSV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSV000000000.1/) | *Erythrobacter sp.* | 100.0 | 4.9 | 7.87E+05 | 0.66 | 12 | 248.1 | 3.05 |
| LC.119.F.A4\_494\_39 | SAMN39640517 | [JBDWTQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTQ000000000.1/) | *Erythrobacter sp.* | 100.0 | 0.1 | 7.87E+05 | 0.65 | 14 | 69.4 | 2.84 |
| LC.110.F.C1\_528\_88 | SAMN39640670 | [JBDWZN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZN000000000.1/) | *Erythrobacter sp.* | 95.7 | 0.0 | 2.04E+04 | 0.66 | 188 | 4.1 | 2.76 |
| CB.10.F.C1\_120\_36 | SAMN39639339 | [JBDVAI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAI000000000.1/) | *Erythrobacter sp.* | 100.0 | 3.6 | 1.13E+06 | 0.66 | 98 | 5.4 | 3.44 |
| CB.60.F.D1\_21\_014 | SAMN39639757 | [JBDVQK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQK000000000.1/) | *Erythrobacter sp.* | 100.0 | 2.7 | 1.64E+06 | 0.66 | 153 | 3.4 | 3.10 |
| AQ.13.M.D6\_48\_65 | SAMN39640469 | [JBDWRU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRU000000000.1/) | *Erythrobacter sp.* | 100.0 | 0.0 | 1.64E+06 | 0.65 | 11 | 34.9 | 2.96 |
| AQ.12.F.C3\_92\_13 | SAMN39640954 | [JBDXKL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKL000000000.1/) | *Erythrobacter sp.* | 100.0 | 0.0 | 1.57E+06 | 0.66 | 19 | 32.2 | 3.03 |
| CI.54.F.A1\_99\_51 | SAMN39640999 | [JBDXME000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXME000000000.1/) | *Erythrobacter sp.* | 99.9 | 2.1 | 9.47E+04 | 0.66 | 92 | 10.6 | 3.14 |
| CI.26.M.D5\_445\_108 | SAMN39640305 | [JBDWLM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLM000000000.1/) | *Erythrobacter sp.* | 99.7 | 0.4 | 4.55E+05 | 0.66 | 15 | 174.6 | 2.91 |
| LC.02.F.A2\_479\_113 | SAMN39640449 | [JBDWRA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRA000000000.1/) | *Erythrobacter sp.* | 100.0 | 0.0 | 4.55E+05 | 0.65 | 18 | 170.3 | 2.86 |
| LC.09.M.C6\_495\_010 | SAMN39640540 | [JBDWUN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUN000000000.1/) | *Erythrobacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.66 | 42 | 2.5 | 3.70 |
| LC.02.F.A2\_479\_102 | SAMN39640446 | [JBDWQX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQX000000000.1/) | *Cyclobacteriaceae bacterium* | 92.6 | 0.6 | 1.96E+04 | 0.66 | 300 | 7.3 | 4.17 |
| LC.107.M.D6\_472\_47 | SAMN39640439 | [JBDWQQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQQ000000000.1/) | *Halioglobus sp.* | 99.9 | 1.8 | 4.57E+04 | 0.65 | 153 | 8.9 | 4.31 |
| AQ.60.F.B1\_47\_62 | SAMN39640431 | [JBDWQI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQI000000000.1/) | *Sulfitobacter sp.* | 100.0 | 3.0 | 1.42E+05 | 0.65 | 391 | 19.4 | 6.40 |
| CI.04.F.C2\_28\_11 | SAMN39639927 | [JBDVWY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWY000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 0.3 | 2.44E+05 | 0.65 | 33 | 22.3 | 4.85 |
| AQ.08.F.D1\_29\_6 | SAMN39639950 | [JBDVXV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXV000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 0.4 | 2.61E+05 | 0.66 | 34 | 82.2 | 4.89 |
| AQ.36.F.B5\_30\_60 | SAMN39639986 | [JBDVZF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZF000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 0.4 | 2.44E+05 | 0.66 | 31 | 38.6 | 4.85 |
| AQ.29.F.C3\_31\_17 | SAMN39640002 | [JBDVZV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZV000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 0.3 | 2.62E+05 | 0.65 | 30 | 71.1 | 4.85 |
| CI.05.F.A1\_32\_9 | SAMN39640017 | [JBDWAK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAK000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 0.3 | 2.26E+05 | 0.65 | 32 | 74.9 | 4.85 |
| AQ.33.F.A4\_34\_49 | SAMN39640032 | [JBDWAZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAZ000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 0.3 | 2.91E+05 | 0.65 | 29 | 3.3 | 4.85 |
| AQ.31.F.A4\_36\_95 | SAMN39640062 | [JBDWCD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCD000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 0.3 | 3.58E+05 | 0.65 | 23 | 51.1 | 4.78 |
| CI.60.F.C2\_37\_12 | SAMN39640066 | [JBDWCH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCH000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 0.3 | 2.31E+05 | 0.65 | 29 | 4.6 | 4.78 |
| AQ.09.F.A3\_38\_63 | SAMN39640106 | [JBDWDV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDV000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 2.9 | 2.26E+05 | 0.45 | 31 | 227.4 | 4.86 |
| AQ.24.F.C5\_40\_12 | SAMN39640128 | [JBDWER000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWER000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 0.3 | 2.72E+05 | 0.45 | 26 | 83.0 | 4.85 |
| AQ.34.F.B6\_43\_76 | SAMN39640282 | [JBDWKP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKP000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 3.8 | 2.62E+05 | 0.45 | 29 | 81.7 | 4.95 |
| AQ.25.M.D1\_44\_98 | SAMN39640296 | [JBDWLD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLD000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 0.3 | 2.68E+05 | 0.45 | 30 | 55.3 | 4.85 |
| AQ.35.F.B2\_46\_83 | SAMN39640392 | [JBDWOV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOV000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 0.3 | 2.31E+05 | 0.45 | 35 | 32.8 | 4.84 |
| AQ.60.F.B1\_47\_54 | SAMN39640428 | [JBDWQF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQF000000000.1/) | *Rhizobiaceae bacterium* | 93.2 | 0.3 | 3.85E+05 | 0.45 | 26 | 261.8 | 4.71 |
| AQ.13.M.D6\_48\_34 | SAMN39640468 | [JBDWRT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRT000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 0.3 | 2.62E+05 | 0.45 | 32 | 23.1 | 4.88 |
| AQ.13.F.D5\_49\_18 | SAMN39640505 | [JBDWTE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTE000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 0.5 | 3.20E+05 | 0.45 | 27 | 67.9 | 4.85 |
| AQ.15.M.B6\_50\_84 | SAMN39640557 | [JBDWVE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVE000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 0.3 | 2.31E+05 | 0.45 | 32 | 22.5 | 4.85 |
| AQ.26.F.B4\_52\_91 | SAMN39640657 | [JBDWZA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZA000000000.1/) | *Rhizobiaceae bacterium* | 99.5 | 0.3 | 2.23E+05 | 0.45 | 34 | 130.2 | 4.85 |
| CB.52.F.A2\_60\_23 | SAMN39640785 | [JBDXDY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDY000000000.1/) | *Rhizobiaceae bacterium* | 99.0 | 2.7 | 4.01E+04 | 0.45 | 194 | 23.0 | 4.80 |
| CB.03.F.D2\_62\_28 | SAMN39640793 | [JBDXEG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEG000000000.1/) | *Rhizobiaceae bacterium* | 99.1 | 0.8 | 2.44E+05 | 0.45 | 80 | 5.1 | 5.12 |
| CI.22.F.D2\_448\_54 | SAMN39640328 | [JBDWMJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMJ000000000.1/) | *Roseibium sp.* | 100.0 | 0.0 | 4.88E+05 | 0.45 | 25 | 117.0 | 5.00 |
| CI.24.F.A4\_463\_53 | SAMN39640421 | [JBDWPY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPY000000000.1/) | *Roseibium sp.* | 100.0 | 2.2 | 4.93E+05 | 0.56 | 28 | 13.9 | 5.07 |
| CI.11.F.A3\_462\_24 | SAMN39640406 | [JBDWPJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPJ000000000.1/) | *Pseudophaeobacter sp.* | 96.7 | 0.0 | 2.46E+04 | 0.56 | 240 | 8.4 | 4.17 |
| CB.43.F.B2\_119\_75 | SAMN39639319 | [JBDUZO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZO000000000.1/) | *Sulfitobacter sp.* | 100.0 | 0.2 | 1.70E+05 | 0.56 | 66 | 27.9 | 4.20 |
| CB.75.F.D4\_158\_35 | SAMN39639521 | [JBDVHI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHI000000000.1/) | *Sulfitobacter sp.* | 90.1 | 3.4 | 7.56E+03 | 0.4 | 729 | 8.3 | 4.10 |
| AQ.22.F.C3\_27\_003 | SAMN39639925 | [JBDVWW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWW000000000.1/) | *Sulfitobacter sp.* | 100.0 | 2.0 | 1.28E+05 | 0.4 | 128 | 2.8 | 4.08 |
| AQ.31.F.A4\_36\_36 | SAMN39640056 | [JBDWBX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBX000000000.1/) | *Sulfitobacter sp.* | 100.0 | 0.0 | 8.83E+04 | 0.4 | 96 | 12.9 | 3.82 |
| CI.58.F.C2\_411\_32 | SAMN39640156 | [JBDWFT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFT000000000.1/) | *Sulfitobacter sp.* | 100.0 | 5.9 | 2.14E+05 | 0.4 | 30 | 18.8 | 3.92 |
| CI.01.F.A4\_420\_11 | SAMN39640190 | [JBDWHB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHB000000000.1/) | *Sulfitobacter sp.* | 100.0 | 1.1 | 1.93E+05 | 0.4 | 59 | 11.1 | 4.41 |
| CI.22.F.D2\_448\_35 | SAMN39640318 | [JBDWLZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLZ000000000.1/) | *Sulfitobacter sp.* | 100.0 | 0.9 | 2.01E+05 | 0.4 | 57 | 247.8 | 4.05 |
| CI.51.M.D6\_450\_80 | SAMN39640352 | [JBDWNH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNH000000000.1/) | *Sulfitobacter sp.* | 94.5 | 0.1 | 1.78E+05 | 0.4 | 36 | 17.2 | 3.27 |
| CI.17.F.C3\_459\_34 | SAMN39640379 | [JBDWOI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOI000000000.1/) | *Sulfitobacter sp.* | 100.0 | 1.9 | 2.31E+05 | 0.4 | 40 | 344.6 | 3.82 |
| CI.11.F.A3\_462\_21 | SAMN39640405 | [JBDWPI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPI000000000.1/) | *Sulfitobacter sp.* | 100.0 | 3.6 | 1.43E+05 | 0.4 | 72 | 132.8 | 4.03 |
| CI.60.F.C2\_37\_20 | SAMN39640067 | [JBDWCI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCI000000000.1/) | *Sulfitobacter sp.* | 100.0 | 0.0 | 4.39E+05 | 0.4 | 21 | 7.3 | 3.64 |
| CI.58.F.C2\_411\_3 | SAMN39640155 | [JBDWFS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFS000000000.1/) | *Sulfitobacter sp.* | 100.0 | 0.0 | 2.72E+05 | 0.4 | 29 | 14.2 | 3.64 |
| CI.48.F.B2\_423\_2 | SAMN39640227 | [JBDWIM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIM000000000.1/) | *Sulfitobacter sp.* | 100.0 | 0.2 | 2.43E+05 | 0.4 | 21 | 18.4 | 3.48 |
| CI.51.M.D6\_450\_131 | SAMN39640344 | [JBDWMZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMZ000000000.1/) | *Sulfitobacter sp.* | 97.8 | 0.3 | 5.26E+05 | 0.4 | 22 | 41.4 | 3.53 |
| CI.34.F.D1\_65\_10 | SAMN39640808 | [JBDXEV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEV000000000.1/) | *Sulfitobacter sp.* | 100.0 | 0.0 | 3.02E+05 | 0.4 | 25 | 60.0 | 3.66 |
| CI.31.F.D2\_424\_55 | SAMN39640242 | [JBDWJB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJB000000000.1/) | *Pseudoruegeria sp.* | 97.7 | 9.0 | 2.42E+04 | 0.4 | 338 | 7.8 | 5.51 |
| CI.26.M.D5\_445\_31 | SAMN39640311 | [JBDWLS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLS000000000.1/) | *Pseudoruegeria sp.* | 98.9 | 3.9 | 1.34E+04 | 0.4 | 437 | 6.6 | 4.29 |
| CI.22.F.D2\_448\_36 | SAMN39640319 | [JBDWMA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMA000000000.1/) | *Pseudoruegeria sp.* | 100.0 | 3.6 | 1.94E+05 | 0.4 | 67 | 10.8 | 5.03 |
| CI.17.F.C3\_459\_92 | SAMN39640384 | [JBDWON000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWON000000000.1/) | *Pseudoruegeria sp.* | 100.0 | 1.7 | 1.94E+05 | 0.4 | 53 | 52.6 | 4.58 |
| LC.100.F.B2\_422\_16 | SAMN39640217 | [JBDWIC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIC000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 5.30E+05 | 0.4 | 12 | 323.4 | 3.84 |
| CI.48.F.B2\_423\_0 | SAMN39640226 | [JBDWIL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIL000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 1.4 | 5.30E+05 | 0.4 | 17 | 136.0 | 3.93 |
| LC.97.F.D4\_444\_62 | SAMN39640300 | [JBDWLH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLH000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 4.9 | 5.30E+05 | 0.4 | 14 | 97.6 | 4.14 |
| CI.08.F.C4\_449\_103 | SAMN39640333 | [JBDWMO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMO000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.8 | 4.00E+05 | 0.4 | 25 | 14.6 | 4.01 |
| LC.02.F.A2\_479\_74 | SAMN39640461 | [JBDWRM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRM000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.8 | 5.12E+05 | 0.5 | 12 | 114.1 | 4.03 |
| CI.47.F.D1\_481\_002 | SAMN39640485 | [JBDWSK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSK000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.1 | 5.12E+05 | 0.5 | 59 | 2.9 | 4.09 |
| LC.104.M.D5\_486\_36 | SAMN39640498 | [JBDWSX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSX000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 1.0 | 5.30E+05 | 0.5 | 14 | 22.4 | 3.86 |
| LC.08.F.B1\_563\_15 | SAMN39640737 | [JBDXCC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCC000000000.1/) | *Lentilitoribacter sp.* | 96.4 | 0.0 | 2.51E+04 | 0.5 | 240 | 7.4 | 3.82 |
| LC.102.F.C1\_567\_002 | SAMN39640754 | [JBDXCT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCT000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.4 | 2.87E+04 | 0.5 | 229 | 10.8 | 3.85 |
| LC.04.F.C4\_573\_90 | SAMN39640764 | [JBDXDD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDD000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.8 | 5.12E+05 | 0.5 | 13 | 38.3 | 4.01 |
| CB.73.F.B2\_105\_100 | SAMN39639241 | [JBDUWO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWO000000000.1/) | *Qipengyuania citrea* | 93.6 | 3.3 | 4.70E+03 | 0.5 | 656 | 6.6 | 2.47 |
| CB.59.F.A3\_113\_46 | SAMN39639274 | [JBDUXV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXV000000000.1/) | *Qipengyuania citrea* | 100.0 | 0.3 | 1.62E+06 | 0.5 | 12 | 80.7 | 3.16 |
| CB.43.F.B2\_119\_72 | SAMN39639318 | [JBDUZN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZN000000000.1/) | *Qipengyuania citrea* | 93.5 | 0.6 | 1.87E+06 | 0.5 | 7 | 73.5 | 2.94 |
| CB.04.M.C5\_124\_12 | SAMN39639361 | [JBDVBE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBE000000000.1/) | *Qipengyuania citrea* | 100.0 | 0.4 | 8.12E+05 | 0.5 | 12 | 25.2 | 3.19 |
| CB.35.M.A6\_128\_38 | SAMN39639386 | [JBDVCD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCD000000000.1/) | *Qipengyuania citrea* | 100.0 | 0.9 | 1.13E+05 | 0.5 | 45 | 12.3 | 3.16 |
| CB.54.F.C2\_137\_10 | SAMN39639416 | [JBDVDH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDH000000000.1/) | *Qipengyuania citrea* | 100.0 | 0.3 | 1.87E+06 | 0.5 | 12 | 25.6 | 3.18 |
| CB.37.F.D4\_140\_98 | SAMN39639467 | [JBDVFG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFG000000000.1/) | *Qipengyuania citrea* | 100.0 | 5.3 | 6.37E+05 | 0.5 | 11 | 351.3 | 3.16 |
| CB.64.M.A6\_145\_11 | SAMN39639478 | [JBDVFR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFR000000000.1/) | *Qipengyuania citrea* | 100.0 | 0.3 | 1.87E+06 | 0.5 | 8 | 48.0 | 3.16 |
| CB.04.F.A3\_155\_13 | SAMN39639497 | [JBDVGK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGK000000000.1/) | *Qipengyuania citrea* | 100.0 | 0.6 | 5.15E+05 | 0.5 | 15 | 15.0 | 3.29 |
| CB.48.F.D1\_157\_27 | SAMN39639512 | [JBDVGZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGZ000000000.1/) | *Qipengyuania citrea* | 100.0 | 0.0 | 5.15E+05 | 0.5 | 10 | 91.9 | 2.98 |
| CB.75.F.D4\_158\_0 | SAMN39639516 | [JBDVHD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHD000000000.1/) | *Qipengyuania citrea* | 100.0 | 0.4 | 5.15E+05 | 0.5 | 10 | 71.2 | 3.19 |
| AQ.50.F.D1\_171\_24 | SAMN39639595 | [JBDVKE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKE000000000.1/) | *Qipengyuania citrea* | 100.0 | 0.3 | 3.99E+05 | 0.49 | 16 | 18.0 | 3.16 |
| LC.10.F.D3\_173\_90 | SAMN39639614 | [JBDVKX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKX000000000.1/) | *Qipengyuania citrea* | 94.7 | 3.8 | 4.78E+05 | 0.5 | 12 | 730.5 | 3.11 |
| LC.109.F.C4\_184\_101 | SAMN39639661 | [JBDVMS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMS000000000.1/) | *Qipengyuania citrea* | 99.8 | 0.8 | 3.47E+04 | 0.5 | 147 | 10.3 | 3.11 |
| LC.05.F.A2\_232\_58 | SAMN39639839 | [JBDVTO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTO000000000.1/) | *Qipengyuania citrea* | 100.0 | 0.3 | 1.87E+06 | 0.5 | 11 | 182.1 | 3.17 |
| AQ.34.F.B6\_43\_008 | SAMN39640289 | [JBDWKW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKW000000000.1/) | *Qipengyuania citrea* | 100.0 | 1.1 | 2.67E+06 | 0.5 | 65 | 3.0 | 3.21 |
| LC.103.F.C4\_504\_013 | SAMN39640586 | [JBDWWH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWH000000000.1/) | *Qipengyuania citrea* | 100.0 | 0.1 | 2.43E+05 | 0.5 | 68 | 3.7 | 3.04 |
| CB.68.F.D4\_84\_22 | SAMN39640910 | [JBDXIT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIT000000000.1/) | *Qipengyuania citrea* | 100.0 | 0.0 | 1.62E+06 | 0.49 | 7 | 48.1 | 2.96 |
| CB.05.F.D2\_97\_8 | SAMN39640986 | [JBDXLR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLR000000000.1/) | *Qipengyuania citrea* | 100.0 | 0.4 | 2.87E+05 | 0.49 | 17 | 20.1 | 3.17 |
| AQ.59A.F.C1\_14\_39 | SAMN39639450 | [JBDVEP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEP000000000.1/) | *Yoonia sp.* | 90.4 | 0.3 | 3.47E+04 | 0.5 | 160 | 15.2 | 3.60 |
| AQ.25.F.B6\_3\_49 | SAMN39639973 | [JBDVYS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYS000000000.1/) | *Yoonia sp.* | 98.4 | 0.0 | 2.23E+05 | 0.51 | 37 | 3.7 | 3.76 |
| AQ.24.F.C5\_40\_44 | SAMN39640131 | [JBDWEU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEU000000000.1/) | *Yoonia sp.* | 91.1 | 0.0 | 4.67E+05 | 0.6 | 18 | 3.0 | 3.78 |
| AQ.34.F.B6\_43\_54 | SAMN39640281 | [JBDWKO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKO000000000.1/) | *Yoonia sp.* | 91.7 | 0.0 | 4.67E+05 | 0.42 | 14 | 47.9 | 3.58 |
| AQ.26.F.B4\_52\_20 | SAMN39640653 | [JBDWYW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYW000000000.1/) | *Yoonia sp.* | 99.9 | 0.0 | 3.55E+05 | 0.56 | 23 | 52.6 | 3.98 |
| CI.39.F.A3\_536\_77 | SAMN39640694 | [JBDXAL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAL000000000.1/) | *Yoonia sp.* | 94.5 | 1.1 | 2.36E+04 | 0.53 | 252 | 5.1 | 3.82 |
| CI.02.F.B4\_417\_88 | SAMN39640171 | [JBDWGI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGI000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 0.9 | 3.22E+04 | 0.53 | 155 | 8.8 | 3.33 |
| AQ.34.F.B6\_43\_20 | SAMN39640278 | [JBDWKL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKL000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 2.9 | 9.75E+04 | 0.6 | 55 | 13.8 | 3.23 |
| CI.34.F.D1\_65\_009 | SAMN39640813 | [JBDXFA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFA000000000.1/) | *Hyphomicrobiales bacterium* | 97.6 | 0.1 | 3.53E+04 | 0.53 | 228 | 13.9 | 3.33 |
| CI.62.F.A4\_427\_84 | SAMN39640262 | [JBDWJV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJV000000000.1/) | *Marinomonas sp.* | 99.9 | 0.6 | 4.62E+04 | 0.53 | 103 | 12.5 | 3.55 |
| CB.02.M.C5\_139\_65 | SAMN39639438 | [JBDVED000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVED000000000.1/) | *Marinobacter alexandrii* | 99.9 | 3.0 | 2.35E+05 | 0.53 | 109 | 4.9 | 4.40 |
| LC.102.F.A1\_144\_39 | SAMN39639472 | [JBDVFL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFL000000000.1/) | *Marinobacter alexandrii* | 99.7 | 0.1 | 7.10E+05 | 0.53 | 17 | 28.2 | 4.13 |
| CB.64.M.A6\_145\_30 | SAMN39639482 | [JBDVFV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFV000000000.1/) | *Marinobacter alexandrii* | 99.9 | 0.2 | 7.10E+05 | 0.53 | 44 | 4.1 | 4.25 |
| AQ.64.F.B3\_146\_28 | SAMN39639493 | [JBDVGG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGG000000000.1/) | *Marinobacter alexandrii* | 97.5 | 1.0 | 2.41E+04 | 0.53 | 257 | 11.1 | 4.06 |
| CB.01.F.D3\_159\_47 | SAMN39639533 | [JBDVHU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHU000000000.1/) | *Marinobacter alexandrii* | 99.7 | 0.5 | 7.06E+05 | 0.53 | 19 | 105.2 | 4.13 |
| LC.107.F.A2\_175\_26 | SAMN39639634 | [JBDVLR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLR000000000.1/) | *Marinobacter alexandrii* | 90.8 | 0.7 | 1.52E+04 | 0.53 | 382 | 8.8 | 4.04 |
| LC.173.F.D1\_294\_5 | SAMN39639962 | [JBDVYH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYH000000000.1/) | *Marinobacter alexandrii* | 99.8 | 0.0 | 7.10E+05 | 0.53 | 17 | 77.5 | 4.15 |
| LC.369.M.C6\_330\_005 | SAMN39640027 | [JBDWAU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAU000000000.1/) | *Marinobacter alexandrii* | 99.7 | 0.0 | 7.10E+05 | 0.53 | 95 | 22.9 | 4.26 |
| LC.100.F.B2\_422\_017 | SAMN39640225 | [JBDWIK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIK000000000.1/) | *Marinobacter alexandrii* | 99.7 | 0.1 | 7.10E+05 | 0.53 | 67 | 5.6 | 4.21 |
| CI.62.F.A4\_427\_63 | SAMN39640258 | [JBDWJR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJR000000000.1/) | *Marinobacter alexandrii* | 99.8 | 0.0 | 7.10E+05 | 0.53 | 14 | 48.2 | 4.13 |
| LC.97.F.D4\_444\_74 | SAMN39640302 | [JBDWLJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLJ000000000.1/) | *Marinobacter alexandrii* | 99.8 | 0.0 | 4.29E+05 | 0.53 | 21 | 37.7 | 4.14 |
| CI.26.M.D5\_445\_79 | SAMN39640315 | [JBDWLW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLW000000000.1/) | *Marinobacter alexandrii* | 99.3 | 2.3 | 7.10E+05 | 0.53 | 17 | 71.2 | 4.12 |
| CI.22.F.D2\_448\_68 | SAMN39640329 | [JBDWMK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMK000000000.1/) | *Marinobacter alexandrii* | 99.7 | 0.1 | 7.10E+05 | 0.53 | 14 | 43.5 | 4.13 |
| CI.08.F.C4\_449\_47 | SAMN39640340 | [JBDWMV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMV000000000.1/) | *Marinobacter alexandrii* | 99.8 | 0.0 | 7.10E+05 | 0.53 | 17 | 31.7 | 4.15 |
| CI.08.M.A6\_451\_30 | SAMN39640356 | [JBDWNL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNL000000000.1/) | *Marinobacter alexandrii* | 99.8 | 0.0 | 7.10E+05 | 0.53 | 16 | 29.6 | 4.15 |
| CI.12.F.B2\_456\_35 | SAMN39640369 | [JBDWNY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNY000000000.1/) | *Marinobacter alexandrii* | 99.8 | 0.0 | 3.22E+05 | 0.53 | 20 | 36.8 | 4.14 |
| CI.17.F.C3\_459\_012 | SAMN39640386 | [JBDWOP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOP000000000.1/) | *Marinobacter alexandrii* | 99.7 | 0.0 | 7.10E+05 | 0.52 | 52 | 8.1 | 4.21 |
| CI.11.F.A3\_462\_40 | SAMN39640410 | [JBDWPN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPN000000000.1/) | *Marinobacter alexandrii* | 99.8 | 0.0 | 7.10E+05 | 0.53 | 13 | 46.4 | 4.13 |
| CI.24.F.A4\_463\_84 | SAMN39640424 | [JBDWQB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQB000000000.1/) | *Marinobacter alexandrii* | 99.8 | 0.0 | 7.10E+05 | 0.53 | 31 | 103.5 | 4.19 |
| LC.107.M.D6\_472\_008 | SAMN39640443 | [JBDWQU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQU000000000.1/) | *Marinobacter alexandrii* | 94.3 | 2.5 | 4.29E+05 | 0.53 | 110 | 5.5 | 4.16 |
| LC.02.F.A2\_479\_103 | SAMN39640447 | [JBDWQY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQY000000000.1/) | *Marinobacter alexandrii* | 99.7 | 0.1 | 3.95E+05 | 0.53 | 20 | 21.5 | 4.13 |
| CI.47.F.D1\_481\_015 | SAMN39640491 | [JBDWSQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSQ000000000.1/) | *Marinobacter alexandrii* | 99.8 | 0.2 | 2.20E+05 | 0.53 | 75 | 3.0 | 4.25 |
| LC.104.M.D5\_486\_121 | SAMN39640495 | [JBDWSU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSU000000000.1/) | *Marinobacter alexandrii* | 94.6 | 0.0 | 7.10E+05 | 0.53 | 13 | 32.6 | 4.04 |
| LC.119.F.A4\_494\_2 | SAMN39640514 | [JBDWTN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTN000000000.1/) | *Marinobacter alexandrii* | 99.9 | 0.1 | 3.25E+06 | 0.53 | 8 | 297.7 | 4.88 |
| LC.119.F.A4\_494\_20 | SAMN39640515 | [JBDWTO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTO000000000.1/) | *Marinobacter alexandrii* | 100.0 | 6.7 | 6.50E+04 | 0.53 | 232 | 4.1 | 4.65 |
| LC.09.M.C6\_495\_006 | SAMN39640538 | [JBDWUL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUL000000000.1/) | *Marinobacter alexandrii* | 95.5 | 3.7 | 1.59E+04 | 0.53 | 538 | 7.8 | 4.30 |
| CB.47.M.B5\_56\_89 | SAMN39640734 | [JBDXBZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBZ000000000.1/) | *Marinobacter alexandrii* | 90.9 | 5.5 | 1.29E+04 | 0.65 | 415 | 7.4 | 4.14 |
| LC.04.F.C4\_573\_106 | SAMN39640757 | [JBDXCW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCW000000000.1/) | *Marinobacter alexandrii* | 99.8 | 0.2 | 7.10E+05 | 0.65 | 28 | 8.7 | 4.24 |
| AQ.32.F.A2\_91\_46 | SAMN39640950 | [JBDXKH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKH000000000.1/) | *Marinobacter alexandrii* | 92.8 | 2.1 | 1.45E+04 | 0.65 | 389 | 8.5 | 4.00 |
| LC.111.F.C3\_358\_30 | SAMN39640040 | [JBDWBH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBH000000000.1/) | *Parvibaculum sp.* | 100.0 | 1.2 | 4.44E+05 | 0.65 | 18 | 71.2 | 3.78 |
| LC.212.M.A5\_371\_34 | SAMN39640080 | [JBDWCV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCV000000000.1/) | *Parvibaculum sp.* | 99.3 | 0.7 | 2.60E+05 | 0.64 | 38 | 10.8 | 4.02 |
| LC.120.F.D4\_374\_17 | SAMN39640088 | [JBDWDD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDD000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.2 | 2.94E+05 | 0.65 | 21 | 23.4 | 3.71 |
| CI.58.F.C2\_411\_40 | SAMN39640158 | [JBDWFV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFV000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.2 | 3.27E+05 | 0.65 | 20 | 33.4 | 3.71 |
| CI.02.F.B4\_417\_005 | SAMN39640174 | [JBDWGL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGL000000000.1/) | *Parvibaculum sp.* | 100.0 | 2.3 | 2.94E+05 | 0.65 | 89 | 9.5 | 3.81 |
| CI.01.F.A4\_420\_17 | SAMN39640193 | [JBDWHE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHE000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.2 | 3.24E+05 | 0.56 | 19 | 22.2 | 3.68 |
| CI.62.F.A4\_427\_5 | SAMN39640257 | [JBDWJQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJQ000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.2 | 5.35E+05 | 0.56 | 20 | 17.3 | 3.72 |
| CI.26.M.D5\_445\_39 | SAMN39640312 | [JBDWLT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLT000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.2 | 4.44E+05 | 0.56 | 13 | 42.4 | 3.59 |
| CI.22.F.D2\_448\_38 | SAMN39640320 | [JBDWMB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMB000000000.1/) | *Parvibaculum sp.* | 100.0 | 3.0 | 3.38E+05 | 0.56 | 19 | 82.7 | 3.84 |
| CI.08.F.C4\_449\_30 | SAMN39640337 | [JBDWMS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMS000000000.1/) | *Parvibaculum sp.* | 100.0 | 1.2 | 2.60E+05 | 0.56 | 23 | 19.6 | 3.72 |
| CI.51.M.D6\_450\_84 | SAMN39640354 | [JBDWNJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNJ000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.2 | 4.44E+05 | 0.56 | 19 | 87.5 | 3.72 |
| CI.08.M.A6\_451\_7 | SAMN39640362 | [JBDWNR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNR000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.1 | 1.26E+06 | 0.56 | 13 | 156.6 | 4.91 |
| CI.08.M.A6\_451\_74 | SAMN39640363 | [JBDWNS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNS000000000.1/) | *Parvibaculum sp.* | 100.0 | 2.0 | 3.27E+05 | 0.56 | 22 | 78.0 | 3.81 |
| CI.12.F.B2\_456\_41 | SAMN39640370 | [JBDWNZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNZ000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.9 | 1.11E+05 | 0.56 | 60 | 15.3 | 3.66 |
| CI.17.F.C3\_459\_2 | SAMN39640378 | [JBDWOH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOH000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.2 | 4.44E+05 | 0.56 | 19 | 22.5 | 3.72 |
| CI.11.F.A3\_462\_5 | SAMN39640411 | [JBDWPO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPO000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.2 | 3.38E+05 | 0.56 | 19 | 112.8 | 3.71 |
| CI.24.F.A4\_463\_6 | SAMN39640422 | [JBDWPZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPZ000000000.1/) | *Parvibaculum sp.* | 99.7 | 0.2 | 1.28E+05 | 0.56 | 52 | 12.9 | 3.59 |
| LC.02.F.A2\_479\_51 | SAMN39640454 | [JBDWRF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRF000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.2 | 2.94E+05 | 0.56 | 21 | 42.9 | 3.72 |
| LC.119.F.A4\_494\_61 | SAMN39640523 | [JBDWTW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTW000000000.1/) | *Parvibaculum sp.* | 95.4 | 0.2 | 2.32E+04 | 0.56 | 245 | 10.6 | 3.71 |
| LC.110.F.C1\_528\_73 | SAMN39640667 | [JBDWZK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZK000000000.1/) | *Parvibaculum sp.* | 100.0 | 3.9 | 4.09E+04 | 0.56 | 161 | 10.2 | 4.15 |
| LC.08.F.B1\_563\_71 | SAMN39640745 | [JBDXCK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCK000000000.1/) | *Parvibaculum sp.* | 100.0 | 0.2 | 3.38E+05 | 0.56 | 18 | 96.6 | 3.71 |
| CI.62.F.A4\_427\_31 | SAMN39640254 | [JBDWJN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJN000000000.1/) | *Maribacter sp.* | 100.0 | 0.1 | 8.78E+05 | 0.56 | 13 | 29.6 | 4.58 |
| AQ.03.F.D1\_10\_35 | SAMN39639213 | [JBDUVM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVM000000000.1/) | *Nitratireductor sp.* | 96.2 | 2.0 | 2.10E+04 | 0.56 | 281 | 13.2 | 4.24 |
| CB.34.F.B4\_102\_4 | SAMN39639223 | [JBDUVW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVW000000000.1/) | *Nitratireductor sp.* | 99.9 | 0.4 | 2.85E+05 | 0.56 | 27 | 29.9 | 4.36 |
| CB.69.F.B4\_103\_5 | SAMN39639231 | [JBDUWE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWE000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.9 | 3.24E+05 | 0.56 | 32 | 35.5 | 4.68 |
| CI.40.M.A6\_104\_47 | SAMN39639236 | [JBDUWJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWJ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 3.43E+05 | 0.56 | 32 | 61.9 | 4.66 |
| CB.73.F.B2\_105\_62 | SAMN39639245 | [JBDUWS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWS000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.8 | 4.31E+05 | 0.56 | 23 | 237.6 | 4.66 |
| CI.27.F.A2\_106\_6 | SAMN39639256 | [JBDUXD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXD000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 3.17E+05 | 0.56 | 36 | 40.2 | 4.67 |
| CB.41.F.D1\_109\_12 | SAMN39639259 | [JBDUXG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXG000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 2.49E+05 | 0.56 | 28 | 30.7 | 4.42 |
| CB.59.F.A3\_113\_23 | SAMN39639270 | [JBDUXR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXR000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 3.45E+05 | 0.56 | 27 | 45.2 | 4.64 |
| CB.66.F.B1\_115\_26 | SAMN39639279 | [JBDUYA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYA000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.1 | 3.43E+05 | 0.56 | 20 | 87.5 | 4.66 |
| CB.61.F.B1\_116\_003 | SAMN39639300 | [JBDUYV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYV000000000.1/) | *Nitratireductor sp.* | 100.0 | 6.0 | 3.59E+05 | 0.56 | 58 | 5.1 | 4.73 |
| CB.43.F.B2\_119\_50 | SAMN39639314 | [JBDUZJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZJ000000000.1/) | *Nitratireductor sp.* | 100.0 | 2.6 | 4.31E+05 | 0.56 | 25 | 117.6 | 4.75 |
| AQ.63.F.D4\_12\_57 | SAMN39639326 | [JBDUZV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZV000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 2.49E+05 | 0.56 | 34 | 36.6 | 4.63 |
| CB.10.F.C1\_120\_73 | SAMN39639346 | [JBDVAP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAP000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 3.99E+05 | 0.56 | 19 | 138.0 | 4.63 |
| CB.07.M.B5\_121\_10 | SAMN39639348 | [JBDVAR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAR000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.2 | 3.65E+04 | 0.56 | 202 | 10.4 | 4.65 |
| CB.31.M.D5\_123\_31 | SAMN39639357 | [JBDVBA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBA000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 2.89E+05 | 0.56 | 26 | 23.0 | 4.65 |
| CB.04.M.C5\_124\_26 | SAMN39639364 | [JBDVBH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBH000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.8 | 3.73E+05 | 0.56 | 23 | 81.9 | 4.65 |
| CB.42.M.D5\_127\_63 | SAMN39639378 | [JBDVBV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBV000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.1 | 3.40E+05 | 0.56 | 29 | 102.9 | 4.72 |
| CB.35.M.A6\_128\_58 | SAMN39639388 | [JBDVCF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCF000000000.1/) | *Nitratireductor sp.* | 99.2 | 0.7 | 1.56E+05 | 0.56 | 49 | 27.1 | 4.47 |
| CB.49.M.B5\_130\_35 | SAMN39639401 | [JBDVCS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCS000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.7 | 3.43E+05 | 0.56 | 21 | 143.6 | 4.65 |
| CB.51.F.C3\_134\_60 | SAMN39639414 | [JBDVDF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDF000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 3.52E+05 | 0.56 | 31 | 46.1 | 4.64 |
| CB.54.F.C2\_137\_25 | SAMN39639421 | [JBDVDM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDM000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.9 | 4.31E+05 | 0.56 | 22 | 90.6 | 4.64 |
| CB.02.M.C5\_139\_36 | SAMN39639434 | [JBDVDZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDZ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 2.51E+05 | 0.56 | 36 | 40.6 | 4.65 |
| AQ.59A.F.C1\_14\_2 | SAMN39639447 | [JBDVEM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEM000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.1 | 5.56E+04 | 0.56 | 127 | 14.4 | 4.64 |
| CB.37.F.D4\_140\_26 | SAMN39639459 | [JBDVEY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEY000000000.1/) | *Nitratireductor sp.* | 99.9 | 0.6 | 4.31E+05 | 0.56 | 21 | 86.0 | 4.57 |
| LC.102.F.A1\_144\_11 | SAMN39639468 | [JBDVFH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFH000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 3.87E+05 | 0.56 | 23 | 50.1 | 4.64 |
| CB.64.M.A6\_145\_52 | SAMN39639486 | [JBDVFZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFZ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.31E+05 | 0.56 | 24 | 57.9 | 4.64 |
| AQ.64.F.B3\_146\_8 | SAMN39639496 | [JBDVGJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGJ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.9 | 1.48E+05 | 0.55 | 59 | 22.1 | 4.66 |
| CB.04.F.A3\_155\_53 | SAMN39639504 | [JBDVGR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGR000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 3.87E+05 | 0.55 | 27 | 54.0 | 4.63 |
| CB.48.F.D1\_157\_60 | SAMN39639515 | [JBDVHC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHC000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.31E+05 | 0.55 | 23 | 308.6 | 4.66 |
| CB.75.F.D4\_158\_22 | SAMN39639519 | [JBDVHG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHG000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.7 | 1.86E+05 | 0.55 | 50 | 40.9 | 4.67 |
| CB.01.F.D3\_159\_71 | SAMN39639535 | [JBDVHW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHW000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.4 | 4.31E+05 | 0.55 | 21 | 57.2 | 4.67 |
| AQ.30.F.B4\_160\_27 | SAMN39639548 | [JBDVIJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIJ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.7 | 2.63E+05 | 0.55 | 30 | 66.7 | 4.68 |
| AQ.28.F.A5\_164\_8 | SAMN39639560 | [JBDVIV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIV000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 3.87E+05 | 0.55 | 25 | 114.2 | 4.47 |
| LC.106.F.A4\_166\_25 | SAMN39639564 | [JBDVIZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIZ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.7 | 4.76E+05 | 0.55 | 25 | 165.3 | 4.68 |
| LC.117.F.A3\_168\_26 | SAMN39639577 | [JBDVJM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJM000000000.1/) | *Nitratireductor sp.* | 96.9 | 2.3 | 1.82E+04 | 0.55 | 330 | 7.9 | 4.46 |
| AQ.62.F.A5\_17\_3 | SAMN39639584 | [JBDVJT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJT000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 1.47E+05 | 0.55 | 53 | 19.7 | 4.76 |
| AQ.50.F.D1\_171\_35 | SAMN39639598 | [JBDVKH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKH000000000.1/) | *Nitratireductor sp.* | 100.0 | 2.1 | 4.31E+05 | 0.55 | 22 | 47.8 | 4.70 |
| LC.10.F.D3\_173\_18 | SAMN39639604 | [JBDVKN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKN000000000.1/) | *Nitratireductor sp.* | 100.0 | 7.0 | 4.31E+05 | 0.55 | 22 | 128.8 | 4.85 |
| LC.119.F.D4\_174\_70 | SAMN39639627 | [JBDVLK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLK000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.3 | 4.31E+05 | 0.55 | 21 | 77.7 | 4.70 |
| LC.107.F.A2\_175\_30 | SAMN39639635 | [JBDVLS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLS000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.1 | 1.02E+05 | 0.55 | 81 | 20.7 | 4.64 |
| CB.49.F.A1\_179\_37 | SAMN39639642 | [JBDVLZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLZ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.76E+05 | 0.55 | 21 | 106.0 | 4.64 |
| LC.127.F.D4\_180\_9 | SAMN39639659 | [JBDVMQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMQ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 4.65E+04 | 0.55 | 171 | 14.5 | 4.61 |
| LC.109.F.C4\_184\_49 | SAMN39639667 | [JBDVMY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMY000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.7 | 4.76E+05 | 0.55 | 23 | 82.2 | 4.72 |
| LC.100.F.D2\_188\_20 | SAMN39639679 | [JBDVNK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNK000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.3 | 2.55E+04 | 0.55 | 240 | 13.4 | 4.57 |
| CB.66.M.B5\_19\_0 | SAMN39639686 | [JBDVNR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNR000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 4.31E+05 | 0.55 | 21 | 158.9 | 4.65 |
| AQ.07.F.C5\_194\_55 | SAMN39639698 | [JBDVOD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOD000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 1.21E+05 | 0.53 | 61 | 17.5 | 4.65 |
| LC.101.F.A3\_199\_005 | SAMN39639716 | [JBDVOV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOV000000000.1/) | *Nitratireductor sp.* | 100.0 | 5.0 | 3.27E+05 | 0.56 | 200 | 4.3 | 4.66 |
| AQ.20.F.C2\_2\_106 | SAMN39639720 | [JBDVOZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOZ000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.8 | 3.46E+05 | 0.56 | 27 | 2.6 | 4.69 |
| AQ.07.M.A6\_20\_86 | SAMN39639735 | [JBDVPO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPO000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 3.43E+05 | 0.56 | 20 | 28.2 | 4.42 |
| LC.06.F.A3\_204\_113 | SAMN39639741 | [JBDVPU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPU000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.76E+05 | 0.56 | 19 | 77.7 | 4.64 |
| CB.60.F.D1\_21\_0 | SAMN39639748 | [JBDVQB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQB000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.2 | 2.42E+05 | 0.56 | 36 | 27.5 | 4.67 |
| LC.09.F.B3\_212\_21 | SAMN39639759 | [JBDVQM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQM000000000.1/) | *Nitratireductor sp.* | 100.0 | 2.9 | 4.24E+05 | 0.56 | 20 | 185.4 | 4.70 |
| LC.118.F.C4\_216\_16 | SAMN39639771 | [JBDVQY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQY000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.9 | 4.76E+05 | 0.56 | 24 | 38.5 | 4.70 |
| AQ.05.M.B6\_22\_110 | SAMN39639780 | [JBDVRH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRH000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.68E+05 | 0.56 | 22 | 34.3 | 4.65 |
| CB.59.M.B5\_223\_31 | SAMN39639801 | [JBDVSC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSC000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.9 | 5.25E+05 | 0.56 | 24 | 125.5 | 4.68 |
| LC.04.F.D4\_227\_002 | SAMN39639818 | [JBDVST000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVST000000000.1/) | *Nitratireductor sp.* | 100.0 | 5.3 | 4.76E+05 | 0.56 | 216 | 5.1 | 4.73 |
| AQ.19.M.C2\_23\_006 | SAMN39639827 | [JBDVTC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTC000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 4.76E+05 | 0.56 | 36 | 11.7 | 4.47 |
| LC.05.F.A2\_232\_53 | SAMN39639838 | [JBDVTN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTN000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 4.75E+05 | 0.56 | 20 | 59.7 | 4.67 |
| CB.57.F.B3\_234\_12 | SAMN39639842 | [JBDVTR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTR000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.7 | 3.88E+05 | 0.56 | 20 | 176.6 | 4.67 |
| LC.99.F.B1\_235\_36 | SAMN39639858 | [JBDVUH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUH000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.9 | 1.54E+05 | 0.56 | 60 | 25.4 | 4.67 |
| AQ.39.F.D5\_24\_18 | SAMN39639862 | [JBDVUL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUL000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 3.08E+04 | 0.56 | 231 | 10.7 | 4.44 |
| AQ.23.F.D2\_25\_93 | SAMN39639877 | [JBDVVA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVA000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.8 | 4.31E+05 | 0.49 | 18 | 133.2 | 4.45 |
| LC.172.F.D2\_251\_27 | SAMN39639880 | [JBDVVD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVD000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 2.16E+05 | 0.5 | 46 | 18.5 | 4.65 |
| LC.123.F.D2\_252\_27 | SAMN39639887 | [JBDVVK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVK000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 3.30E+05 | 0.5 | 28 | 44.4 | 4.63 |
| LC.03.F.B2\_259\_51 | SAMN39639901 | [JBDVVY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVY000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 1.54E+05 | 0.5 | 55 | 30.4 | 4.65 |
| AQ.40.F.A1\_26\_1 | SAMN39639906 | [JBDVWD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWD000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 3.55E+05 | 0.33 | 31 | 73.5 | 4.67 |
| AQ.22.F.C3\_27\_72 | SAMN39639923 | [JBDVWU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWU000000000.1/) | *Nitratireductor sp.* | 93.4 | 2.2 | 1.67E+04 | 0.5 | 392 | 4.7 | 4.14 |
| CI.04.F.C2\_28\_28 | SAMN39639928 | [JBDVWZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWZ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 3.43E+05 | 0.5 | 30 | 3.7 | 4.65 |
| LC.105.F.D3\_287\_24 | SAMN39639938 | [JBDVXJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXJ000000000.1/) | *Nitratireductor sp.* | 100.0 | 3.1 | 3.13E+05 | 0.5 | 28 | 107.8 | 4.72 |
| LC.173.F.D1\_294\_83 | SAMN39639966 | [JBDVYL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYL000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.31E+05 | 0.5 | 21 | 167.7 | 4.48 |
| AQ.25.F.B6\_3\_001 | SAMN39639978 | [JBDVYX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYX000000000.1/) | *Nitratireductor sp.* | 99.9 | 0.4 | 3.17E+05 | 0.5 | 37 | 5.3 | 4.41 |
| LC.07.F.D4\_302\_23 | SAMN39639992 | [JBDVZL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZL000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 2.87E+05 | 0.5 | 29 | 35.8 | 4.64 |
| AQ.29.F.C3\_31\_29 | SAMN39640004 | [JBDVZX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZX000000000.1/) | *Nitratireductor sp.* | 98.8 | 2.0 | 2.65E+04 | 0.5 | 278 | 8.8 | 4.73 |
| CI.05.F.A1\_32\_77 | SAMN39640016 | [JBDWAJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAJ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.7 | 1.92E+05 | 0.57 | 56 | 4.9 | 4.64 |
| LC.369.M.C6\_330\_104 | SAMN39640019 | [JBDWAM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAM000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 4.31E+05 | 0.55 | 19 | 65.4 | 4.42 |
| AQ.33.F.A4\_34\_65 | SAMN39640033 | [JBDWBA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBA000000000.1/) | *Nitratireductor sp.* | 99.9 | 1.9 | 2.07E+04 | 0.55 | 321 | 9.7 | 4.58 |
| LC.111.F.C3\_358\_014 | SAMN39640051 | [JBDWBS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBS000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.5 | 2.85E+05 | 0.55 | 109 | 3.9 | 4.38 |
| AQ.31.F.A4\_36\_27 | SAMN39640055 | [JBDWBW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBW000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 4.76E+05 | 0.55 | 16 | 48.8 | 4.42 |
| CI.60.F.C2\_37\_56 | SAMN39640075 | [JBDWCQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCQ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 2.49E+05 | 0.57 | 31 | 3.9 | 4.65 |
| LC.212.M.A5\_371\_3 | SAMN39640078 | [JBDWCT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCT000000000.1/) | *Nitratireductor sp.* | 99.0 | 1.6 | 2.09E+04 | 0.57 | 310 | 8.6 | 4.12 |
| AQ.61.F.B5\_39\_58 | SAMN39640116 | [JBDWEF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEF000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 5.25E+05 | 0.57 | 27 | 4.1 | 4.68 |
| LC.289.M.D5\_395\_37 | SAMN39640122 | [JBDWEL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEL000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 5.54E+04 | 0.57 | 150 | 11.7 | 4.59 |
| AQ.24.F.C5\_40\_47 | SAMN39640132 | [JBDWEV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEV000000000.1/) | *Nitratireductor sp.* | 99.7 | 0.4 | 3.45E+05 | 0.53 | 22 | 34.8 | 4.32 |
| AQ.10.F.B2\_41\_80 | SAMN39640147 | [JBDWFK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFK000000000.1/) | *Nitratireductor sp.* | 99.9 | 0.9 | 7.81E+04 | 0.53 | 99 | 11.9 | 4.57 |
| CI.58.F.C2\_411\_49 | SAMN39640160 | [JBDWFX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFX000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 2.93E+05 | 0.53 | 29 | 85.6 | 4.68 |
| CI.02.F.B4\_417\_116 | SAMN39640165 | [JBDWGC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGC000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 3.87E+05 | 0.53 | 23 | 125.8 | 4.66 |
| CI.01.F.A4\_420\_50 | SAMN39640196 | [JBDWHH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHH000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.31E+05 | 0.53 | 20 | 186.5 | 4.65 |
| CI.59.F.A1\_421\_24 | SAMN39640205 | [JBDWHQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHQ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.3 | 4.31E+05 | 0.53 | 20 | 174.2 | 4.64 |
| LC.100.F.B2\_422\_105 | SAMN39640215 | [JBDWIA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIA000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.76E+05 | 0.53 | 23 | 162.1 | 4.65 |
| CI.48.F.B2\_423\_80 | SAMN39640233 | [JBDWIS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIS000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.75E+05 | 0.53 | 21 | 239.7 | 4.66 |
| CI.31.F.D2\_424\_012 | SAMN39640248 | [JBDWJH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJH000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.9 | 5.69E+05 | 0.53 | 42 | 6.8 | 4.49 |
| CI.62.F.A4\_427\_35 | SAMN39640255 | [JBDWJO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJO000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 5.25E+05 | 0.53 | 19 | 139.1 | 4.65 |
| CI.53.F.D4\_428\_32 | SAMN39640269 | [JBDWKC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKC000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.5 | 3.43E+05 | 0.53 | 22 | 240.3 | 4.66 |
| AQ.34.F.B6\_43\_84 | SAMN39640284 | [JBDWKR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKR000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 5.25E+05 | 0.53 | 28 | 119.3 | 4.85 |
| LC.97.F.D4\_444\_53 | SAMN39640299 | [JBDWLG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLG000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.31E+05 | 0.53 | 23 | 125.8 | 4.65 |
| CI.26.M.D5\_445\_126 | SAMN39640309 | [JBDWLQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLQ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 4.68E+05 | 0.53 | 18 | 33.1 | 4.45 |
| CI.22.F.D2\_448\_001 | SAMN39640331 | [JBDWMM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMM000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.1 | 5.25E+05 | 0.53 | 24 | 249.2 | 4.43 |
| CI.08.F.C4\_449\_40 | SAMN39640339 | [JBDWMU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMU000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 3.87E+05 | 0.53 | 22 | 125.8 | 4.61 |
| CI.51.M.D6\_450\_55 | SAMN39640351 | [JBDWNG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNG000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 3.44E+05 | 0.53 | 24 | 320.3 | 4.67 |
| CI.08.M.A6\_451\_47 | SAMN39640358 | [JBDWNN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNN000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.76E+05 | 0.53 | 16 | 227.3 | 4.40 |
| CI.12.F.B2\_456\_11 | SAMN39640364 | [JBDWNT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNT000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.31E+05 | 0.53 | 22 | 122.2 | 4.65 |
| CI.17.F.C3\_459\_83 | SAMN39640382 | [JBDWOL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOL000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.3 | 4.76E+05 | 0.53 | 18 | 297.5 | 4.43 |
| LC.116.F.D3\_460\_5 | SAMN39640400 | [JBDWPD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPD000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 3.87E+05 | 0.53 | 23 | 65.2 | 4.64 |
| CI.11.F.A3\_462\_13 | SAMN39640403 | [JBDWPG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPG000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.0 | 3.41E+05 | 0.53 | 23 | 245.8 | 4.65 |
| CI.24.F.A4\_463\_15 | SAMN39640416 | [JBDWPT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPT000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 3.85E+05 | 0.53 | 23 | 111.2 | 4.65 |
| AQ.60.F.B1\_47\_005 | SAMN39640433 | [JBDWQK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQK000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 3.46E+05 | 0.53 | 40 | 26.4 | 4.45 |
| LC.107.M.D6\_472\_112 | SAMN39640435 | [JBDWQM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQM000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 4.75E+05 | 0.53 | 18 | 100.1 | 4.42 |
| LC.02.F.A2\_479\_12 | SAMN39640450 | [JBDWRB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRB000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.8 | 3.42E+05 | 0.53 | 23 | 213.0 | 4.64 |
| AQ.13.M.D6\_48\_76 | SAMN39640471 | [JBDWRW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRW000000000.1/) | *Nitratireductor sp.* | 100.0 | 2.1 | 1.87E+05 | 0.53 | 68 | 25.9 | 4.88 |
| CI.47.F.D1\_481\_71 | SAMN39640484 | [JBDWSJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSJ000000000.1/) | *Nitratireductor sp.* | 100.0 | 5.4 | 4.31E+05 | 0.53 | 27 | 49.3 | 4.88 |
| LC.104.M.D5\_486\_52 | SAMN39640501 | [JBDWTA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTA000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 4.31E+05 | 0.53 | 21 | 151.1 | 4.67 |
| AQ.13.F.D5\_49\_62 | SAMN39640509 | [JBDWTI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTI000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.0 | 4.99E+04 | 0.52 | 171 | 12.1 | 4.65 |
| LC.119.F.A4\_494\_49 | SAMN39640520 | [JBDWTT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTT000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 3.87E+05 | 0.53 | 26 | 41.4 | 4.64 |
| LC.09.M.C6\_495\_005 | SAMN39640537 | [JBDWUK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUK000000000.1/) | *Nitratireductor sp.* | 100.0 | 8.0 | 4.31E+05 | 0.54 | 301 | 3.7 | 4.83 |
| AQ.37.F.C6\_499\_57 | SAMN39640542 | [JBDWUP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUP000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.7 | 3.87E+05 | 0.55 | 27 | 51.8 | 4.66 |
| AQ.15.M.B6\_50\_68 | SAMN39640554 | [JBDWVB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVB000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 3.87E+05 | 0.55 | 26 | 3.4 | 4.44 |
| LC.11.M.A6\_500\_106 | SAMN39640561 | [JBDWVI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVI000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 3.46E+05 | 0.55 | 26 | 68.2 | 4.65 |
| LC.103.F.C4\_504\_96 | SAMN39640582 | [JBDWWD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWD000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.6 | 2.12E+05 | 0.55 | 63 | 15.9 | 4.94 |
| LC.02.F.D2\_507\_72 | SAMN39640597 | [JBDWWS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWS000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 1.76E+05 | 0.55 | 39 | 18.9 | 4.42 |
| CB.74.F.B4\_51\_6 | SAMN39640607 | [JBDWXC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXC000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 2.90E+05 | 0.55 | 33 | 93.6 | 4.65 |
| LC.07.F.A4\_511\_67 | SAMN39640616 | [JBDWXL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXL000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 3.17E+05 | 0.55 | 26 | 33.6 | 4.63 |
| CI.26.F.C1\_514\_8 | SAMN39640647 | [JBDWYQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYQ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.31E+05 | 0.55 | 21 | 94.4 | 4.65 |
| AQ.26.F.B4\_52\_006 | SAMN39640659 | [JBDWZC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZC000000000.1/) | *Nitratireductor sp.* | 100.0 | 5.5 | 2.51E+05 | 0.54 | 124 | 5.5 | 4.79 |
| CI.40.F.A2\_529\_71 | SAMN39640678 | [JBDWZV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZV000000000.1/) | *Nitratireductor sp.* | 98.2 | 2.5 | 1.56E+04 | 0.55 | 399 | 7.7 | 4.42 |
| CI.46.F.A4\_53\_48 | SAMN39640683 | [JBDXAA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAA000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 5.25E+05 | 0.55 | 20 | 18.3 | 4.64 |
| CB.53.M.C5\_54\_64 | SAMN39640702 | [JBDXAT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAT000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 5.25E+05 | 0.58 | 19 | 143.4 | 4.64 |
| CI.32.F.D1\_540\_82 | SAMN39640715 | [JBDXBG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBG000000000.1/) | *Nitratireductor sp.* | 93.7 | 2.2 | 1.08E+04 | 0.65 | 504 | 6.9 | 4.19 |
| CI.36.F.B4\_55\_34 | SAMN39640719 | [JBDXBK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBK000000000.1/) | *Nitratireductor sp.* | 99.9 | 0.9 | 6.11E+04 | 0.65 | 122 | 9.0 | 4.62 |
| CB.47.M.B5\_56\_38 | SAMN39640729 | [JBDXBU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBU000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 2.63E+05 | 0.58 | 31 | 72.8 | 4.68 |
| LC.08.F.B1\_563\_21 | SAMN39640740 | [JBDXCF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCF000000000.1/) | *Nitratireductor sp.* | 100.0 | 3.3 | 4.23E+05 | 0.58 | 19 | 250.9 | 4.83 |
| LC.102.F.C1\_567\_50 | SAMN39640752 | [JBDXCR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCR000000000.1/) | *Nitratireductor sp.* | 99.9 | 0.6 | 3.87E+05 | 0.58 | 27 | 89.2 | 4.61 |
| CB.62.F.B1\_58\_004 | SAMN39640770 | [JBDXDJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDJ000000000.1/) | *Nitratireductor sp.* | 93.3 | 6.6 | 6.03E+03 | 0.58 | 956 | 60.0 | 4.16 |
| AQ.12.M.C3\_6\_54 | SAMN39640780 | [JBDXDT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDT000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.75E+05 | 0.58 | 21 | 11.4 | 4.67 |
| CB.52.F.A2\_60\_14 | SAMN39640783 | [JBDXDW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDW000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.0 | 3.61E+04 | 0.58 | 211 | 8.0 | 4.59 |
| CB.03.F.D2\_62\_8 | SAMN39640797 | [JBDXEK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEK000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.7 | 3.87E+05 | 0.58 | 30 | 66.4 | 4.67 |
| CI.07.F.B5\_63\_21 | SAMN39640799 | [JBDXEM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEM000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.7 | 7.66E+04 | 0.58 | 91 | 4.6 | 4.64 |
| AQ.21.M.B6\_64\_20 | SAMN39640802 | [JBDXEP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEP000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 3.46E+05 | 0.5 | 22 | 5.4 | 4.65 |
| CI.34.F.D1\_65\_16 | SAMN39640809 | [JBDXEW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEW000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 9.71E+04 | 0.5 | 73 | 31.3 | 4.64 |
| CI.28.F.A3\_66\_10 | SAMN39640814 | [JBDXFB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFB000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.8 | 1.16E+05 | 0.5 | 77 | 23.4 | 4.65 |
| CI.52.M.B5\_68\_4 | SAMN39640824 | [JBDXFL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFL000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.7 | 4.76E+05 | 0.5 | 21 | 32.6 | 4.67 |
| CB.70.F.D3\_69\_8 | SAMN39640830 | [JBDXFR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFR000000000.1/) | *Nitratireductor sp.* | 100.0 | 2.5 | 5.33E+04 | 0.5 | 141 | 15.1 | 4.60 |
| AQ.11.F.C4\_7\_84 | SAMN39640835 | [JBDXFW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFW000000000.1/) | *Nitratireductor sp.* | 100.0 | 2.8 | 4.65E+05 | 0.5 | 22 | 4.4 | 4.69 |
| AQ.08.M.C5\_70\_49 | SAMN39640846 | [JBDXGH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGH000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 4.31E+05 | 0.5 | 18 | 43.3 | 4.42 |
| CI.39.F.B3\_74\_5 | SAMN39640855 | [JBDXGQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGQ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.9 | 2.01E+05 | 0.54 | 47 | 25.2 | 4.66 |
| CB.55.F.D4\_76\_113 | SAMN39640860 | [JBDXGV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGV000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.76E+05 | 0.54 | 20 | 137.8 | 4.65 |
| CI.32.F.A1\_77\_65 | SAMN39640875 | [JBDXHK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHK000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.31E+05 | 0.57 | 23 | 55.9 | 4.65 |
| AQ.40.F.B6\_8\_001 | SAMN39640884 | [JBDXHT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHT000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.2 | 5.65E+04 | 0.57 | 159 | 7.2 | 4.64 |
| AQ.21.F.C1\_80\_3 | SAMN39640888 | [JBDXHX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHX000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 4.64E+05 | 0.57 | 17 | 5.3 | 4.65 |
| CI.43.F.D3\_82\_49 | SAMN39640900 | [JBDXIJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIJ000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.4 | 2.60E+05 | 0.58 | 30 | 86.7 | 4.67 |
| AQ.18.F.C1\_83\_23 | SAMN39640903 | [JBDXIM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIM000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 3.44E+05 | 0.48 | 33 | 67.1 | 4.61 |
| CB.68.F.D4\_84\_0 | SAMN39640908 | [JBDXIR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIR000000000.1/) | *Nitratireductor sp.* | 100.0 | 1.3 | 5.02E+04 | 0.56 | 137 | 27.1 | 4.58 |
| CI.56.F.D2\_86\_30 | SAMN39640919 | [JBDXJC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJC000000000.1/) | *Nitratireductor sp.* | 100.0 | 9.5 | 3.55E+05 | 0.55 | 32 | 37.7 | 5.07 |
| AQ.18.M.A2\_9\_005 | SAMN39640929 | [JBDXJM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJM000000000.1/) | *Nitratireductor sp.* | 100.0 | 5.1 | 4.76E+05 | 0.41 | 147 | 8.0 | 4.59 |
| CI.14.F.D1\_90\_1 | SAMN39640933 | [JBDXJQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJQ000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 2.49E+05 | 0.41 | 30 | 53.5 | 4.42 |
| AQ.32.F.A2\_91\_4 | SAMN39640948 | [JBDXKF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKF000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.7 | 1.47E+05 | 0.41 | 62 | 17.5 | 4.63 |
| AQ.12.F.C3\_92\_35 | SAMN39640957 | [JBDXKO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKO000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.6 | 2.85E+05 | 0.41 | 30 | 52.4 | 4.66 |
| CI.03.F.D4\_94\_006 | SAMN39640969 | [JBDXLA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLA000000000.1/) | *Nitratireductor sp.* | 100.0 | 9.7 | 3.85E+05 | 0.41 | 283 | 6.4 | 4.89 |
| CB.34.M.B6\_95\_11 | SAMN39640970 | [JBDXLB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLB000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.8 | 3.38E+05 | 0.41 | 35 | 5.4 | 4.63 |
| CB.05.F.D2\_97\_13 | SAMN39640976 | [JBDXLH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLH000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.5 | 2.24E+05 | 0.41 | 38 | 41.7 | 4.63 |
| CB.65.F.C3\_98\_52 | SAMN39640992 | [JBDXLX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLX000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.7 | 6.14E+04 | 0.41 | 128 | 24.4 | 4.63 |
| CI.54.F.A1\_99\_37 | SAMN39640997 | [JBDXMC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXMC000000000.1/) | *Nitratireductor sp.* | 100.0 | 0.4 | 3.87E+05 | 0.41 | 23 | 62.0 | 4.42 |
| LC.369.M.C6\_330\_002 | SAMN39640026 | [JBDWAT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAT000000000.1/) | *Lentilitoribacter sp.* | 98.5 | 0.8 | 3.27E+04 | 0.41 | 273 | 10.7 | 3.76 |
| LC.111.F.C3\_358\_004 | SAMN39640048 | [JBDWBP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBP000000000.1/) | *Lentilitoribacter sp.* | 99.8 | 0.0 | 3.57E+05 | 0.41 | 49 | 574.8 | 3.85 |
| LC.212.M.A5\_371\_57 | SAMN39640082 | [JBDWCX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCX000000000.1/) | *Lentilitoribacter sp.* | 99.7 | 0.0 | 3.57E+05 | 0.41 | 16 | 113.7 | 3.79 |
| LC.120.F.D4\_374\_010 | SAMN39640099 | [JBDWDO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDO000000000.1/) | *Lentilitoribacter sp.* | 99.5 | 0.2 | 3.57E+05 | 0.41 | 85 | 251.4 | 3.88 |
| LC.289.M.D5\_395\_45 | SAMN39640123 | [JBDWEM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEM000000000.1/) | *Lentilitoribacter sp.* | 99.7 | 0.0 | 3.56E+05 | 0.41 | 18 | 87.7 | 3.79 |
| CI.58.F.C2\_411\_39 | SAMN39640157 | [JBDWFU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFU000000000.1/) | *Lentilitoribacter sp.* | 99.7 | 0.0 | 3.57E+05 | 0.41 | 16 | 45.2 | 3.79 |
| CI.02.F.B4\_417\_20 | SAMN39640166 | [JBDWGD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGD000000000.1/) | *Lentilitoribacter sp.* | 99.7 | 0.0 | 3.57E+05 | 0.41 | 16 | 290.1 | 3.79 |
| CI.01.F.A4\_420\_94 | SAMN39640200 | [JBDWHL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHL000000000.1/) | *Lentilitoribacter sp.* | 99.7 | 0.0 | 3.57E+05 | 0.41 | 16 | 231.5 | 3.79 |
| CI.59.F.A1\_421\_17 | SAMN39640203 | [JBDWHO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHO000000000.1/) | *Lentilitoribacter sp.* | 93.9 | 0.0 | 9.85E+04 | 0.41 | 68 | 10.4 | 3.75 |
| CI.31.F.D2\_424\_88 | SAMN39640244 | [JBDWJD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJD000000000.1/) | *Lentilitoribacter sp.* | 99.8 | 0.6 | 3.57E+05 | 0.41 | 18 | 27.6 | 3.81 |
| CI.62.F.A4\_427\_117 | SAMN39640251 | [JBDWJK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJK000000000.1/) | *Lentilitoribacter sp.* | 99.7 | 0.0 | 3.57E+05 | 0.41 | 16 | 29.7 | 3.79 |
| CI.53.F.D4\_428\_39 | SAMN39640271 | [JBDWKE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKE000000000.1/) | *Lentilitoribacter sp.* | 99.7 | 0.0 | 3.56E+05 | 0.41 | 16 | 427.0 | 3.78 |
| CI.12.F.B2\_456\_66 | SAMN39640372 | [JBDWOB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOB000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 3.2 | 2.93E+05 | 0.41 | 71 | 38.5 | 3.93 |
| CI.01.F.A4\_420\_67 | SAMN39640198 | [JBDWHJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHJ000000000.1/) | *Litoreibacter sp.* | 99.8 | 1.4 | 3.70E+05 | 0.41 | 26 | 29.8 | 3.57 |
| CI.31.F.D2\_424\_12 | SAMN39640235 | [JBDWIU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIU000000000.1/) | *Litoreibacter sp.* | 98.5 | 1.4 | 4.52E+05 | 0.56 | 18 | 26.6 | 3.44 |
| CI.53.F.D4\_428\_72 | SAMN39640274 | [JBDWKH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKH000000000.1/) | *Litoreibacter sp.* | 99.6 | 2.0 | 4.30E+05 | 0.56 | 26 | 23.1 | 3.47 |
| LC.111.F.C3\_358\_009 | SAMN39640049 | [JBDWBQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBQ000000000.1/) | *Gilvibacter sp.* | 99.2 | 0.4 | 7.91E+05 | 0.56 | 23 | 7.2 | 3.24 |
| LC.212.M.A5\_371\_33 | SAMN39640079 | [JBDWCU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCU000000000.1/) | *Gilvibacter sp.* | 97.1 | 1.8 | 7.91E+05 | 0.38 | 15 | 247.2 | 3.29 |
| LC.120.F.D4\_374\_002 | SAMN39640097 | [JBDWDM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDM000000000.1/) | *Gilvibacter sp.* | 99.5 | 1.5 | 7.91E+05 | 0.53 | 209 | 3.0 | 3.49 |
| LC.289.M.D5\_395\_52 | SAMN39640124 | [JBDWEN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEN000000000.1/) | *Gilvibacter sp.* | 98.6 | 0.1 | 3.35E+05 | 0.53 | 17 | 33.7 | 3.23 |
| CI.58.F.C2\_411\_20 | SAMN39640153 | [JBDWFQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFQ000000000.1/) | *Gilvibacter sp.* | 98.6 | 0.1 | 7.91E+05 | 0.53 | 13 | 151.0 | 3.24 |
| CI.02.F.B4\_417\_004 | SAMN39640173 | [JBDWGK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGK000000000.1/) | *Gilvibacter sp.* | 98.7 | 0.1 | 7.91E+05 | 0.53 | 26 | 239.6 | 3.26 |
| CI.59.F.A1\_421\_54 | SAMN39640209 | [JBDWHU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHU000000000.1/) | *Gilvibacter sp.* | 99.1 | 0.1 | 7.91E+05 | 0.53 | 12 | 107.7 | 3.24 |
| LC.100.F.B2\_422\_014 | SAMN39640224 | [JBDWIJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIJ000000000.1/) | *Gilvibacter sp.* | 98.3 | 1.5 | 7.91E+05 | 0.53 | 33 | 4.9 | 3.25 |
| CI.31.F.D2\_424\_009 | SAMN39640246 | [JBDWJF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJF000000000.1/) | *Gilvibacter sp.* | 99.0 | 0.1 | 7.91E+05 | 0.53 | 22 | 6.9 | 3.25 |
| CI.62.F.A4\_427\_44 | SAMN39640256 | [JBDWJP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJP000000000.1/) | *Gilvibacter sp.* | 99.1 | 0.1 | 7.91E+05 | 0.53 | 11 | 256.7 | 3.24 |
| CI.53.F.D4\_428\_21 | SAMN39640268 | [JBDWKB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKB000000000.1/) | *Gilvibacter sp.* | 98.7 | 0.1 | 2.40E+05 | 0.53 | 22 | 15.6 | 3.23 |
| CI.22.F.D2\_448\_51 | SAMN39640327 | [JBDWMI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMI000000000.1/) | *Gilvibacter sp.* | 99.1 | 0.1 | 7.91E+05 | 0.53 | 10 | 176.9 | 3.23 |
| CI.08.F.C4\_449\_3 | SAMN39640336 | [JBDWMR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMR000000000.1/) | *Gilvibacter sp.* | 99.1 | 0.1 | 7.91E+05 | 0.53 | 18 | 25.4 | 3.24 |
| CI.47.F.D1\_481\_23 | SAMN39640476 | [JBDWSB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSB000000000.1/) | *Gilvibacter sp.* | 99.1 | 0.1 | 7.91E+05 | 0.53 | 12 | 98.8 | 3.24 |
| LC.119.F.A4\_494\_31 | SAMN39640516 | [JBDWTP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTP000000000.1/) | *Gilvibacter sp.* | 98.7 | 0.1 | 7.91E+05 | 0.53 | 13 | 33.8 | 3.24 |
| LC.07.F.A4\_511\_29 | SAMN39640610 | [JBDWXF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXF000000000.1/) | *Gilvibacter sp.* | 99.1 | 0.1 | 7.91E+05 | 0.36 | 11 | 555.6 | 3.24 |
| LC.122.F.C4\_512\_004 | SAMN39640634 | [JBDWYD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYD000000000.1/) | *Gilvibacter sp.* | 98.9 | 2.0 | 6.54E+05 | 0.29 | 30 | 3.4 | 3.29 |
| LC.110.F.C1\_528\_16 | SAMN39640664 | [JBDWZH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZH000000000.1/) | *Gilvibacter sp.* | 99.3 | 7.3 | 4.79E+05 | 0.29 | 15 | 487.4 | 3.49 |
| CI.40.F.A2\_529\_23 | SAMN39640675 | [JBDWZS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZS000000000.1/) | *Gilvibacter sp.* | 99.1 | 0.1 | 7.91E+05 | 0.29 | 12 | 323.0 | 3.24 |
| CI.39.F.A3\_536\_63 | SAMN39640693 | [JBDXAK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAK000000000.1/) | *Gilvibacter sp.* | 98.7 | 0.1 | 7.91E+05 | 0.35 | 10 | 168.6 | 3.24 |
| CI.32.F.D1\_540\_47 | SAMN39640709 | [JBDXBA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBA000000000.1/) | *Gilvibacter sp.* | 98.7 | 0.1 | 7.91E+05 | 0.41 | 10 | 41.4 | 3.23 |
| LC.123.F.A2\_558\_28 | SAMN39640721 | [JBDXBM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBM000000000.1/) | *Gilvibacter sp.* | 99.1 | 0.1 | 3.73E+05 | 0.41 | 20 | 27.7 | 3.25 |
| CB.41.F.D1\_109\_62 | SAMN39639263 | [JBDUXK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXK000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 0.3 | 1.98E+05 | 0.41 | 35 | 13.8 | 4.13 |
| CI.01.F.A4\_420\_115 | SAMN39640191 | [JBDWHC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHC000000000.1/) | *Hyphomicrobiales bacterium* | 99.3 | 0.3 | 3.28E+05 | 0.41 | 24 | 14.2 | 4.13 |
| LC.100.F.B2\_422\_8 | SAMN39640222 | [JBDWIH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIH000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 0.3 | 4.80E+05 | 0.41 | 19 | 32.8 | 4.14 |
| CI.48.F.B2\_423\_9 | SAMN39640234 | [JBDWIT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIT000000000.1/) | *Hyphomicrobiales bacterium* | 95.6 | 0.3 | 4.80E+05 | 0.41 | 53 | 17.0 | 4.57 |
| CI.53.F.D4\_428\_35 | SAMN39640270 | [JBDWKD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKD000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 0.3 | 4.80E+05 | 0.41 | 19 | 94.6 | 4.13 |
| LC.97.F.D4\_444\_76 | SAMN39640303 | [JBDWLK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLK000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 0.3 | 3.84E+05 | 0.41 | 145 | 7.9 | 4.71 |
| CI.26.M.D5\_445\_70 | SAMN39640314 | [JBDWLV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLV000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 0.7 | 4.80E+05 | 0.41 | 26 | 89.0 | 4.20 |
| CI.22.F.D2\_448\_10 | SAMN39640316 | [JBDWLX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLX000000000.1/) | *Hyphomicrobiales bacterium* | 97.4 | 0.4 | 4.80E+05 | 0.62 | 19 | 155.3 | 3.99 |
| CI.51.M.D6\_450\_25 | SAMN39640349 | [JBDWNE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNE000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 1.5 | 4.80E+05 | 0.62 | 20 | 50.3 | 4.15 |
| CI.08.M.A6\_451\_6 | SAMN39640360 | [JBDWNP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNP000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 0.4 | 4.80E+05 | 0.62 | 22 | 152.7 | 4.15 |
| CI.12.F.B2\_456\_22 | SAMN39640365 | [JBDWNU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNU000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 0.3 | 4.80E+05 | 0.35 | 20 | 49.8 | 4.15 |
| CI.17.F.C3\_459\_104 | SAMN39640375 | [JBDWOE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOE000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 0.3 | 4.80E+05 | 0.62 | 19 | 98.0 | 4.13 |
| LC.116.F.D3\_460\_41 | SAMN39640398 | [JBDWPB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPB000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 4.8 | 2.39E+05 | 0.62 | 162 | 8.7 | 5.36 |
| CI.11.F.A3\_462\_39 | SAMN39640409 | [JBDWPM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPM000000000.1/) | *Hyphomicrobiales bacterium* | 99.6 | 0.3 | 3.84E+05 | 0.62 | 35 | 61.7 | 4.08 |
| CI.24.F.A4\_463\_83 | SAMN39640423 | [JBDWQA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQA000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 0.3 | 4.50E+05 | 0.62 | 19 | 47.7 | 4.12 |
| LC.107.M.D6\_472\_014 | SAMN39640445 | [JBDWQW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQW000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 5.0 | 2.62E+05 | 0.62 | 419 | 4.5 | 5.01 |
| LC.02.F.A2\_479\_56 | SAMN39640456 | [JBDWRH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRH000000000.1/) | *Hyphomicrobiales bacterium* | 95.6 | 0.4 | 4.80E+05 | 0.62 | 16 | 47.3 | 4.10 |
| CI.47.F.D1\_481\_006 | SAMN39640488 | [JBDWSN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSN000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 4.5 | 3.84E+05 | 0.62 | 750 | 3.3 | 5.37 |
| LC.104.M.D5\_486\_88 | SAMN39640503 | [JBDWTC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTC000000000.1/) | *Hyphomicrobiales bacterium* | 95.7 | 0.4 | 4.80E+05 | 0.62 | 29 | 17.6 | 4.17 |
| LC.09.M.C6\_495\_112 | SAMN39640526 | [JBDWTZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTZ000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 2.2 | 4.80E+05 | 0.62 | 25 | 21.2 | 4.35 |
| LC.07.F.A4\_511\_7 | SAMN39640617 | [JBDWXM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXM000000000.1/) | *Hyphomicrobiales bacterium* | 95.6 | 0.5 | 4.80E+05 | 0.62 | 44 | 72.0 | 4.51 |
| LC.122.F.C4\_512\_89 | SAMN39640633 | [JBDWYC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYC000000000.1/) | *Hyphomicrobiales bacterium* | 98.2 | 0.4 | 3.15E+05 | 0.62 | 26 | 17.3 | 4.13 |
| CI.26.F.C1\_514\_84 | SAMN39640650 | [JBDWYT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYT000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 0.3 | 4.80E+05 | 0.62 | 22 | 48.6 | 4.16 |
| LC.110.F.C1\_528\_48 | SAMN39640666 | [JBDWZJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZJ000000000.1/) | *Hyphomicrobiales bacterium* | 93.6 | 3.6 | 1.65E+04 | 0.62 | 709 | 27.4 | 5.57 |
| LC.102.F.C1\_567\_005 | SAMN39640755 | [JBDXCU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCU000000000.1/) | *Hyphomicrobiales bacterium* | 100.0 | 1.2 | 3.15E+05 | 0.62 | 587 | 4.8 | 5.31 |
| LC.04.F.C4\_573\_92 | SAMN39640765 | [JBDXDE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDE000000000.1/) | *Hyphomicrobiales bacterium* | 94.3 | 3.2 | 1.61E+04 | 0.62 | 406 | 8.7 | 4.20 |
| CI.59.F.A1\_421\_001 | SAMN39640213 | [JBDWHY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHY000000000.1/) | *Fuerstiella sp.* | 100.0 | 1.2 | 1.27E+05 | 0.39 | 177 | 13.8 | 7.44 |
| CI.59.F.A1\_421\_65 | SAMN39640211 | [JBDWHW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHW000000000.1/) | *Hoeflea sp.* | 96.0 | 0.0 | 2.70E+04 | 0.39 | 267 | 11.1 | 4.91 |
| CI.59.F.A1\_421\_19 | SAMN39640204 | [JBDWHP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHP000000000.1/) | *Hyphomicrobiales bacterium* | 99.4 | 0.9 | 1.96E+05 | 0.68 | 29 | 13.9 | 3.48 |
| CI.59.F.A1\_421\_15 | SAMN39640202 | [JBDWHN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHN000000000.1/) | *Erythrobacter sp.* | 100.0 | 0.6 | 6.95E+05 | 0.68 | 10 | 296.2 | 3.19 |
| CI.58.F.C2\_411\_50 | SAMN39640161 | [JBDWFY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFY000000000.1/) | *Stappiaceae bacterium* | 100.0 | 1.5 | 7.38E+05 | 0.68 | 22 | 51.3 | 6.34 |
| CI.62.F.A4\_427\_10 | SAMN39640249 | [JBDWJI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJI000000000.1/) | *Stappiaceae bacterium* | 100.0 | 2.1 | 5.05E+04 | 0.68 | 188 | 11.8 | 6.24 |
| AQ.10.F.B2\_41\_94 | SAMN39640148 | [JBDWFL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFL000000000.1/) | *Sulfitobacter dubius* | 99.3 | 0.8 | 4.74E+04 | 0.68 | 145 | 12.5 | 4.01 |
| CB.66.F.B1\_115\_10 | SAMN39639277 | [JBDUXY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXY000000000.1/) | *Paracoccaceae bacterium* | 99.4 | 1.8 | 4.10E+05 | 0.68 | 21 | 37.4 | 4.44 |
| AQ.63.F.D4\_12\_49 | SAMN39639325 | [JBDUZU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZU000000000.1/) | *Paracoccaceae bacterium* | 94.1 | 0.4 | 3.89E+05 | 0.53 | 20 | 24.8 | 4.45 |
| CB.54.F.C2\_137\_83 | SAMN39639427 | [JBDVDS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDS000000000.1/) | *Paracoccaceae bacterium* | 94.6 | 1.2 | 2.89E+04 | 0.53 | 251 | 8.9 | 4.49 |
| AQ.59A.F.C1\_14\_37 | SAMN39639449 | [JBDVEO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEO000000000.1/) | *Paracoccaceae bacterium* | 92.6 | 2.7 | 4.15E+04 | 0.53 | 151 | 12.8 | 4.18 |
| AQ.62.F.A5\_17\_7 | SAMN39639591 | [JBDVKA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKA000000000.1/) | *Paracoccaceae bacterium* | 99.5 | 0.1 | 3.14E+05 | 0.56 | 26 | 13.7 | 4.37 |
| AQ.22.F.C3\_27\_4 | SAMN39639921 | [JBDVWS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWS000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.3 | 3.34E+05 | 0.42 | 31 | 6.4 | 4.71 |
| AQ.25.F.B6\_3\_7 | SAMN39639977 | [JBDVYW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYW000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.2 | 4.80E+05 | 0.42 | 14 | 5.4 | 4.63 |
| AQ.24.F.C5\_40\_29 | SAMN39640130 | [JBDWET000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWET000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 1.1 | 8.87E+04 | 0.42 | 83 | 11.1 | 4.69 |
| AQ.10.F.B2\_41\_6 | SAMN39640145 | [JBDWFI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFI000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.2 | 5.44E+05 | 0.42 | 15 | 49.5 | 4.64 |
| AQ.35.F.B2\_46\_25 | SAMN39640387 | [JBDWOQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOQ000000000.1/) | *Paracoccaceae bacterium* | 99.6 | 0.4 | 2.43E+05 | 0.42 | 38 | 9.9 | 4.44 |
| LC.02.F.A2\_479\_76 | SAMN39640462 | [JBDWRN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRN000000000.1/) | *Paracoccaceae bacterium* | 99.9 | 2.8 | 3.34E+05 | 0.42 | 31 | 280.4 | 4.74 |
| CI.47.F.D1\_481\_69 | SAMN39640483 | [JBDWSI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSI000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 1.5 | 2.50E+05 | 0.42 | 83 | 4.9 | 4.97 |
| AQ.13.F.D5\_49\_46 | SAMN39640506 | [JBDWTF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTF000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.5 | 3.34E+05 | 0.42 | 30 | 185.9 | 4.69 |
| LC.09.M.C6\_495\_19 | SAMN39640527 | [JBDWUA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUA000000000.1/) | *Paracoccaceae bacterium* | 99.9 | 0.2 | 3.34E+05 | 0.42 | 24 | 39.9 | 4.51 |
| CB.74.F.B4\_51\_8 | SAMN39640608 | [JBDWXD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXD000000000.1/) | *Paracoccaceae bacterium* | 97.7 | 0.2 | 2.31E+05 | 0.36 | 31 | 3.6 | 4.33 |
| LC.07.F.A4\_511\_86 | SAMN39640621 | [JBDWXQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXQ000000000.1/) | *Paracoccaceae bacterium* | 93.2 | 0.8 | 5.25E+04 | 0.44 | 132 | 9.2 | 4.12 |
| LC.122.F.C4\_512\_12 | SAMN39640622 | [JBDWXR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXR000000000.1/) | *Paracoccaceae bacterium* | 93.7 | 0.3 | 3.34E+05 | 0.36 | 26 | 35.0 | 4.39 |
| LC.110.F.C1\_528\_78 | SAMN39640669 | [JBDWZM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZM000000000.1/) | *Paracoccaceae bacterium* | 99.8 | 0.3 | 3.08E+05 | 0.36 | 24 | 51.6 | 4.50 |
| CI.40.F.A2\_529\_82 | SAMN39640680 | [JBDWZX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZX000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.3 | 3.34E+05 | 0.36 | 29 | 426.4 | 4.68 |
| CI.46.F.A4\_53\_59 | SAMN39640685 | [JBDXAC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAC000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.4 | 3.34E+05 | 0.36 | 32 | 358.3 | 4.69 |
| CI.39.F.A3\_536\_87 | SAMN39640696 | [JBDXAN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAN000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.9 | 3.34E+05 | 0.36 | 30 | 64.5 | 4.71 |
| CI.32.F.D1\_540\_63 | SAMN39640712 | [JBDXBD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBD000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 1.1 | 3.71E+05 | 0.36 | 36 | 9.1 | 4.93 |
| CB.47.M.B5\_56\_1 | SAMN39640726 | [JBDXBR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBR000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.4 | 3.08E+05 | 0.36 | 34 | 4.6 | 4.74 |
| LC.102.F.C1\_567\_10 | SAMN39640748 | [JBDXCN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCN000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.5 | 3.08E+05 | 0.36 | 27 | 15.5 | 4.45 |
| AQ.12.M.C3\_6\_45 | SAMN39640779 | [JBDXDS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDS000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.4 | 5.28E+05 | 0.36 | 23 | 5.7 | 4.74 |
| CI.28.F.A3\_66\_25 | SAMN39640817 | [JBDXFE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFE000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.3 | 2.54E+05 | 0.36 | 35 | 37.8 | 4.71 |
| CI.32.F.A1\_77\_003 | SAMN39640876 | [JBDXHL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHL000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 9.7 | 2.91E+04 | 0.36 | 286 | 6.2 | 4.38 |
| AQ.18.M.A2\_9\_34 | SAMN39640926 | [JBDXJJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJJ000000000.1/) | *Paracoccaceae bacterium* | 96.6 | 0.3 | 1.28E+04 | 0.36 | 435 | 4.8 | 4.32 |
| AQ.19.M.C2\_23\_94 | SAMN39639826 | [JBDVTB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTB000000000.1/) | *Alloalcanivorax venustensis* | 100.0 | 0.3 | 5.00E+05 | 0.36 | 13 | 6.1 | 3.54 |
| AQ.10.F.B2\_41\_25 | SAMN39640142 | [JBDWFF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFF000000000.1/) | *Alloalcanivorax venustensis* | 100.0 | 0.0 | 8.66E+05 | 0.36 | 12 | 21.6 | 3.55 |
| AQ.06.F.A6\_42\_32 | SAMN39640176 | [JBDWGN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGN000000000.1/) | *Alloalcanivorax venustensis* | 100.0 | 0.9 | 3.66E+04 | 0.36 | 144 | 10.3 | 3.40 |
| LC.09.M.C6\_495\_28 | SAMN39640528 | [JBDWUB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUB000000000.1/) | *Alloalcanivorax venustensis* | 93.0 | 2.3 | 1.79E+04 | 0.36 | 259 | 8.1 | 3.55 |
| LC.103.F.C4\_504\_98 | SAMN39640583 | [JBDWWE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWE000000000.1/) | *Alloalcanivorax venustensis* | 98.5 | 2.0 | 1.58E+04 | 0.36 | 303 | 10.5 | 3.42 |
| CB.47.M.B5\_56\_006 | SAMN39640735 | [JBDXCA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCA000000000.1/) | *Alloalcanivorax venustensis* | 100.0 | 4.9 | 5.66E+03 | 0.36 | 790 | 3.5 | 3.23 |
| LC.08.F.B1\_563\_51 | SAMN39640742 | [JBDXCH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCH000000000.1/) | *Alloalcanivorax venustensis* | 100.0 | 0.3 | 1.67E+05 | 0.36 | 36 | 14.0 | 3.53 |
| LC.04.F.C4\_573\_123 | SAMN39640759 | [JBDXCY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCY000000000.1/) | *Alloalcanivorax venustensis* | 96.8 | 1.3 | 1.17E+04 | 0.36 | 407 | 7.7 | 3.33 |
| AQ.03.F.D1\_10\_14 | SAMN39639209 | [JBDUVI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVI000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 2.02E+05 | 0.36 | 44 | 19.1 | 4.75 |
| AQ.63.F.D4\_12\_6 | SAMN39639328 | [JBDUZX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZX000000000.1/) | *Anderseniella sp.* | 100.0 | 0.2 | 6.07E+05 | 0.36 | 20 | 42.4 | 4.76 |
| AQ.59A.F.C1\_14\_16 | SAMN39639445 | [JBDVEK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEK000000000.1/) | *Anderseniella sp.* | 99.5 | 0.3 | 6.41E+04 | 0.36 | 121 | 14.1 | 4.69 |
| AQ.62.F.A5\_17\_40 | SAMN39639587 | [JBDVJW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJW000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 3.90E+05 | 0.36 | 19 | 52.4 | 4.76 |
| CB.66.M.B5\_19\_11 | SAMN39639688 | [JBDVNT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNT000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 2.97E+05 | 0.36 | 28 | 17.9 | 4.76 |
| AQ.20.F.C2\_2\_57 | SAMN39639723 | [JBDVPC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPC000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 3.90E+05 | 0.36 | 20 | 5.0 | 4.77 |
| AQ.07.M.A6\_20\_57 | SAMN39639730 | [JBDVPJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPJ000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 6.28E+05 | 0.36 | 18 | 4.6 | 4.76 |
| AQ.05.M.B6\_22\_74 | SAMN39639786 | [JBDVRN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRN000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 6.28E+05 | 0.36 | 19 | 91.3 | 4.76 |
| AQ.19.M.C2\_23\_73 | SAMN39639825 | [JBDVTA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTA000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 6.29E+05 | 0.36 | 18 | 108.9 | 4.76 |
| AQ.39.F.D5\_24\_51 | SAMN39639869 | [JBDVUS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUS000000000.1/) | *Anderseniella sp.* | 100.0 | 1.8 | 9.42E+04 | 0.36 | 101 | 7.8 | 4.76 |
| AQ.23.F.D2\_25\_31 | SAMN39639871 | [JBDVUU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUU000000000.1/) | *Anderseniella sp.* | 100.0 | 0.5 | 5.23E+05 | 0.36 | 19 | 109.7 | 4.80 |
| AQ.40.F.A1\_26\_27 | SAMN39639909 | [JBDVWG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWG000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 3.90E+05 | 0.36 | 17 | 127.4 | 4.76 |
| AQ.22.F.C3\_27\_006 | SAMN39639926 | [JBDVWX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWX000000000.1/) | *Anderseniella sp.* | 100.0 | 4.4 | 1.61E+05 | 0.36 | 106 | 14.3 | 4.97 |
| AQ.25.F.B6\_3\_54 | SAMN39639974 | [JBDVYT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYT000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 3.90E+05 | 0.36 | 19 | 6.1 | 4.76 |
| AQ.36.F.B5\_30\_23 | SAMN39639983 | [JBDVZC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZC000000000.1/) | *Anderseniella sp.* | 100.0 | 1.2 | 6.07E+05 | 0.36 | 19 | 145.1 | 4.76 |
| AQ.29.F.C3\_31\_41 | SAMN39640006 | [JBDVZZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZZ000000000.1/) | *Anderseniella sp.* | 100.0 | 3.0 | 3.90E+05 | 0.36 | 19 | 57.3 | 4.77 |
| CI.05.F.A1\_32\_21 | SAMN39640011 | [JBDWAE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAE000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 2.17E+05 | 0.55 | 35 | 18.2 | 4.76 |
| AQ.33.F.A4\_34\_104 | SAMN39640029 | [JBDWAW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAW000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 6.28E+05 | 0.55 | 19 | 6.0 | 4.76 |
| AQ.31.F.A4\_36\_8 | SAMN39640059 | [JBDWCA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCA000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 6.28E+05 | 0.42 | 18 | 69.2 | 4.76 |
| CI.60.F.C2\_37\_47 | SAMN39640071 | [JBDWCM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCM000000000.1/) | *Anderseniella sp.* | 100.0 | 0.2 | 4.83E+05 | 0.42 | 23 | 33.8 | 4.82 |
| AQ.09.F.A3\_38\_35 | SAMN39640103 | [JBDWDS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDS000000000.1/) | *Anderseniella sp.* | 100.0 | 1.6 | 5.23E+05 | 0.58 | 24 | 65.8 | 4.89 |
| AQ.61.F.B5\_39\_50 | SAMN39640114 | [JBDWED000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWED000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 6.28E+05 | 0.44 | 17 | 120.4 | 4.76 |
| AQ.24.F.C5\_40\_108 | SAMN39640126 | [JBDWEP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEP000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 7.90E+05 | 0.39 | 17 | 109.7 | 4.76 |
| AQ.10.F.B2\_41\_20 | SAMN39640140 | [JBDWFD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFD000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 3.90E+05 | 0.41 | 20 | 53.7 | 4.76 |
| AQ.34.F.B6\_43\_98 | SAMN39640286 | [JBDWKT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKT000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 6.28E+05 | 0.36 | 20 | 100.4 | 4.76 |
| AQ.25.M.D1\_44\_93 | SAMN39640295 | [JBDWLC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLC000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 7.90E+05 | 0.36 | 15 | 95.7 | 4.76 |
| AQ.60.F.B1\_47\_125 | SAMN39640426 | [JBDWQD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQD000000000.1/) | *Anderseniella sp.* | 100.0 | 0.5 | 5.23E+05 | 0.36 | 20 | 86.6 | 4.77 |
| AQ.13.M.D6\_48\_102 | SAMN39640465 | [JBDWRQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRQ000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 3.92E+05 | 0.36 | 20 | 66.2 | 4.77 |
| AQ.13.F.D5\_49\_67 | SAMN39640510 | [JBDWTJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTJ000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 3.20E+05 | 0.36 | 24 | 147.7 | 4.75 |
| AQ.15.M.B6\_50\_37 | SAMN39640551 | [JBDWUY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUY000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 3.90E+05 | 0.36 | 17 | 13.8 | 4.75 |
| CB.74.F.B4\_51\_22 | SAMN39640602 | [JBDWWX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWX000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 1.99E+05 | 0.36 | 37 | 8.2 | 4.76 |
| AQ.26.F.B4\_52\_71 | SAMN39640656 | [JBDWYZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYZ000000000.1/) | *Anderseniella sp.* | 99.9 | 0.3 | 3.90E+05 | 0.39 | 29 | 4.2 | 4.83 |
| CI.46.F.A4\_53\_2 | SAMN39640682 | [JBDWZZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZZ000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 4.96E+05 | 0.4 | 22 | 170.3 | 4.76 |
| CB.53.M.C5\_54\_40 | SAMN39640699 | [JBDXAQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAQ000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 6.29E+05 | 0.4 | 19 | 87.7 | 4.76 |
| CB.47.M.B5\_56\_30 | SAMN39640728 | [JBDXBT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBT000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 3.21E+05 | 0.53 | 21 | 24.4 | 4.76 |
| AQ.12.M.C3\_6\_131 | SAMN39640777 | [JBDXDQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDQ000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 4.33E+05 | 0.53 | 19 | 247.3 | 4.76 |
| CB.52.F.A2\_60\_4 | SAMN39640787 | [JBDXEA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEA000000000.1/) | *Anderseniella sp.* | 99.9 | 0.2 | 1.23E+05 | 0.53 | 57 | 20.6 | 4.75 |
| CB.03.F.D2\_62\_22 | SAMN39640790 | [JBDXED000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXED000000000.1/) | *Anderseniella sp.* | 98.1 | 0.2 | 2.58E+05 | 0.53 | 30 | 14.1 | 4.54 |
| AQ.11.F.C4\_7\_30 | SAMN39640831 | [JBDXFS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFS000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 3.99E+05 | 0.54 | 16 | 3.7 | 4.76 |
| CB.55.F.D4\_76\_92 | SAMN39640869 | [JBDXHE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHE000000000.1/) | *Anderseniella sp.* | 96.5 | 0.4 | 8.27E+04 | 0.54 | 101 | 10.3 | 4.76 |
| AQ.40.F.B6\_8\_6 | SAMN39640882 | [JBDXHR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHR000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 3.21E+05 | 0.54 | 24 | 16.4 | 4.76 |
| AQ.18.M.A2\_9\_19 | SAMN39640925 | [JBDXJI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJI000000000.1/) | *Anderseniella sp.* | 100.0 | 0.4 | 5.23E+05 | 0.38 | 19 | 3.6 | 4.76 |
| AQ.12.F.C3\_92\_6 | SAMN39640961 | [JBDXKS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKS000000000.1/) | *Anderseniella sp.* | 100.0 | 0.3 | 3.08E+05 | 0.37 | 29 | 18.3 | 4.76 |
| LC.09.F.B3\_212\_82 | SAMN39639768 | [JBDVQV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQV000000000.1/) | *Ascidiaceihabitans sp.* | 99.8 | 0.0 | 2.82E+05 | 0.37 | 19 | 39.0 | 3.95 |
| LC.122.F.D4\_220\_64 | SAMN39639797 | [JBDVRY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRY000000000.1/) | *Ascidiaceihabitans sp.* | 100.0 | 1.4 | 1.67E+05 | 0.37 | 52 | 16.6 | 4.58 |
| LC.05.F.A2\_232\_101 | SAMN39639832 | [JBDVTH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTH000000000.1/) | *Ascidiaceihabitans sp.* | 100.0 | 0.4 | 3.08E+05 | 0.37 | 26 | 31.0 | 4.46 |
| CB.57.F.B3\_234\_61 | SAMN39639852 | [JBDVUB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUB000000000.1/) | *Ascidiaceihabitans sp.* | 100.0 | 1.2 | 2.19E+05 | 0.37 | 30 | 30.4 | 4.18 |
| LC.172.F.D2\_251\_57 | SAMN39639881 | [JBDVVE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVE000000000.1/) | *Ascidiaceihabitans sp.* | 100.0 | 0.4 | 3.09E+05 | 0.37 | 24 | 57.3 | 4.50 |
| LC.123.F.D2\_252\_68 | SAMN39639893 | [JBDVVQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVQ000000000.1/) | *Ascidiaceihabitans sp.* | 100.0 | 0.4 | 7.56E+04 | 0.37 | 91 | 11.7 | 4.47 |
| LC.03.F.B2\_259\_11 | SAMN39639897 | [JBDVVU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVU000000000.1/) | *Ascidiaceihabitans sp.* | 100.0 | 0.4 | 3.09E+05 | 0.37 | 26 | 46.3 | 4.50 |
| LC.111.F.C3\_358\_55 | SAMN39640043 | [JBDWBK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBK000000000.1/) | *Ascidiaceihabitans sp.* | 94.4 | 0.1 | 3.06E+05 | 0.37 | 18 | 119.6 | 3.82 |
| LC.212.M.A5\_371\_78 | SAMN39640085 | [JBDWDA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDA000000000.1/) | *Ascidiaceihabitans sp.* | 100.0 | 0.7 | 1.96E+05 | 0.37 | 44 | 82.2 | 4.37 |
| LC.120.F.D4\_374\_83 | SAMN39640095 | [JBDWDK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDK000000000.1/) | *Ascidiaceihabitans sp.* | 99.9 | 1.2 | 8.70E+04 | 0.37 | 92 | 276.2 | 4.32 |
| LC.289.M.D5\_395\_29 | SAMN39640121 | [JBDWEK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEK000000000.1/) | *Ascidiaceihabitans sp.* | 99.8 | 2.4 | 4.62E+05 | 0.37 | 21 | 165.7 | 4.24 |
| CI.58.F.C2\_411\_12 | SAMN39640152 | [JBDWFP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFP000000000.1/) | *Ascidiaceihabitans sp.* | 93.4 | 0.0 | 4.29E+05 | 0.37 | 24 | 159.0 | 4.06 |
| CI.01.F.A4\_420\_13 | SAMN39640192 | [JBDWHD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHD000000000.1/) | *Ascidiaceihabitans sp.* | 100.0 | 0.3 | 4.29E+05 | 0.42 | 17 | 68.6 | 4.08 |
| CI.59.F.A1\_421\_016 | SAMN39640214 | [JBDWHZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHZ000000000.1/) | *Ascidiaceihabitans sp.* | 100.0 | 0.6 | 4.29E+05 | 0.43 | 27 | 5.9 | 4.05 |
| CI.26.M.D5\_445\_110 | SAMN39640306 | [JBDWLN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLN000000000.1/) | *Ascidiaceihabitans sp.* | 100.0 | 1.0 | 3.71E+05 | 0.43 | 20 | 100.1 | 4.15 |
| CI.22.F.D2\_448\_40 | SAMN39640322 | [JBDWMD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMD000000000.1/) | *Ascidiaceihabitans sp.* | 99.8 | 0.4 | 2.84E+05 | 0.43 | 27 | 15.2 | 4.02 |
| CI.11.F.A3\_462\_9 | SAMN39640415 | [JBDWPS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPS000000000.1/) | *Ascidiaceihabitans sp.* | 99.9 | 0.3 | 4.29E+05 | 0.43 | 16 | 22.5 | 4.01 |
| LC.107.M.D6\_472\_4 | SAMN39640437 | [JBDWQO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQO000000000.1/) | *Ascidiaceihabitans sp.* | 100.0 | 1.5 | 4.29E+05 | 0.43 | 25 | 50.5 | 4.30 |
| LC.07.F.A4\_511\_40 | SAMN39640612 | [JBDWXH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXH000000000.1/) | *Ascidiaceihabitans sp.* | 99.9 | 0.5 | 1.30E+05 | 0.43 | 64 | 68.7 | 4.03 |
| AQ.61.F.B5\_39\_51 | SAMN39640115 | [JBDWEE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEE000000000.1/) | *Porticoccus sp.* | 99.1 | 0.8 | 1.29E+05 | 0.44 | 48 | 5.8 | 2.76 |
| CB.66.F.B1\_115\_58 | SAMN39639289 | [JBDUYK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYK000000000.1/) | *Rhodopirellula bahusiensis* | 100.0 | 3.9 | 7.13E+04 | 0.37 | 191 | 21.3 | 7.73 |
| CB.10.F.C1\_120\_33 | SAMN39639337 | [JBDVAG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAG000000000.1/) | *Rhodopirellula bahusiensis* | 96.3 | 3.6 | 2.25E+04 | 0.54 | 493 | 8.7 | 7.54 |
| CB.42.M.D5\_127\_62 | SAMN39639377 | [JBDVBU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBU000000000.1/) | *Rhodopirellula bahusiensis* | 100.0 | 3.9 | 5.41E+04 | 0.56 | 239 | 12.8 | 7.71 |
| CB.54.F.C2\_137\_008 | SAMN39639430 | [JBDVDV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDV000000000.1/) | *Rhodopirellula bahusiensis* | 100.0 | 3.9 | 4.68E+04 | 0.56 | 297 | 10.9 | 7.75 |
| CB.01.F.D3\_159\_008 | SAMN39639540 | [JBDVIB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIB000000000.1/) | *Rhodopirellula bahusiensis* | 91.5 | 3.8 | 8.35E+03 | 0.56 | 1279 | 7.1 | 7.32 |
| CB.66.M.B5\_19\_3 | SAMN39639690 | [JBDVNV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNV000000000.1/) | *Rhodopirellula bahusiensis* | 100.0 | 4.0 | 3.10E+04 | 0.56 | 400 | 10.1 | 7.69 |
| LC.118.F.C4\_216\_91 | SAMN39639778 | [JBDVRF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRF000000000.1/) | *Rhodopirellula bahusiensis* | 100.0 | 3.5 | 5.04E+04 | 0.56 | 247 | 10.5 | 7.72 |
| LC.123.F.D2\_252\_7 | SAMN39639894 | [JBDVVR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVR000000000.1/) | *Rhodopirellula bahusiensis* | 94.8 | 4.6 | 1.61E+04 | 0.56 | 685 | 10.3 | 7.57 |
| LC.120.F.D4\_374\_59 | SAMN39640092 | [JBDWDH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDH000000000.1/) | *Rhodopirellula bahusiensis* | 98.7 | 2.1 | 2.15E+04 | 0.56 | 529 | 8.5 | 7.53 |
| AQ.09.F.A3\_38\_81 | SAMN39640107 | [JBDWDW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDW000000000.1/) | *Rhodopirellula bahusiensis* | 100.0 | 4.3 | 1.00E+05 | 0.56 | 135 | 21.8 | 7.76 |
| AQ.61.F.B5\_39\_45 | SAMN39640113 | [JBDWEC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEC000000000.1/) | *Rhodopirellula bahusiensis* | 99.3 | 3.6 | 2.89E+04 | 0.56 | 423 | 10.1 | 7.62 |
| CB.53.M.C5\_54\_004 | SAMN39640704 | [JBDXAV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAV000000000.1/) | *Rhodopirellula bahusiensis* | 94.5 | 4.5 | 1.01E+04 | 0.56 | 1133 | 6.7 | 7.44 |
| AQ.21.M.B6\_64\_46 | SAMN39640805 | [JBDXES000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXES000000000.1/) | *Rhodopirellula bahusiensis* | 100.0 | 4.3 | 9.48E+04 | 0.56 | 144 | 4.0 | 7.74 |
| AQ.21.F.C1\_80\_016 | SAMN39640896 | [JBDXIF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIF000000000.1/) | *Rhodopirellula bahusiensis* | 98.9 | 3.9 | 2.25E+04 | 0.56 | 580 | 11.2 | 7.62 |
| AQ.12.F.C3\_92\_25 | SAMN39640956 | [JBDXKN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKN000000000.1/) | *Rhodopirellula bahusiensis* | 97.9 | 4.8 | 2.95E+04 | 0.56 | 386 | 10.5 | 7.65 |
| LC.120.F.D4\_374\_003 | SAMN39640098 | [JBDWDN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDN000000000.1/) | *Hellea sp.* | 98.1 | 0.1 | 9.09E+05 | 0.56 | 13 | 31.4 | 4.04 |
| LC.111.F.C3\_358\_27 | SAMN39640039 | [JBDWBG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBG000000000.1/) | *Litorimonas sp.* | 99.7 | 0.1 | 4.03E+05 | 0.56 | 15 | 88.7 | 3.10 |
| LC.120.F.D4\_374\_94 | SAMN39640096 | [JBDWDL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDL000000000.1/) | *Litorimonas sp.* | 99.4 | 0.2 | 7.19E+05 | 0.56 | 56 | 282.8 | 3.55 |
| CI.02.F.B4\_417\_81 | SAMN39640170 | [JBDWGH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGH000000000.1/) | *Litorimonas sp.* | 99.4 | 0.2 | 7.19E+05 | 0.56 | 8 | 57.6 | 3.14 |
| LC.120.F.D4\_374\_45 | SAMN39640091 | [JBDWDG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDG000000000.1/) | *Algibacter sp.* | 100.0 | 0.0 | 1.96E+05 | 0.56 | 33 | 11.5 | 3.88 |
| LC.369.M.C6\_330\_013 | SAMN39640028 | [JBDWAV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAV000000000.1/) | *Sneathiella sp.* | 100.0 | 3.5 | 9.43E+03 | 0.56 | 693 | 6.6 | 4.29 |
| LC.111.F.C3\_358\_61 | SAMN39640044 | [JBDWBL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBL000000000.1/) | *Sneathiella sp.* | 99.7 | 0.1 | 8.74E+05 | 0.56 | 16 | 101.0 | 4.68 |
| LC.120.F.D4\_374\_11 | SAMN39640087 | [JBDWDC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDC000000000.1/) | *Sneathiella sp.* | 99.7 | 0.1 | 8.74E+05 | 0.56 | 15 | 80.0 | 4.68 |
| CI.59.F.A1\_421\_49 | SAMN39640207 | [JBDWHS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHS000000000.1/) | *Sneathiella sp.* | 99.7 | 0.1 | 2.06E+05 | 0.56 | 48 | 11.1 | 4.67 |
| CI.62.F.A4\_427\_91 | SAMN39640265 | [JBDWJY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJY000000000.1/) | *Sneathiella sp.* | 99.7 | 0.1 | 7.47E+05 | 0.56 | 17 | 20.8 | 4.68 |
| CI.53.F.D4\_428\_17 | SAMN39640267 | [JBDWKA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKA000000000.1/) | *Sneathiella sp.* | 99.7 | 0.1 | 7.79E+05 | 0.55 | 18 | 29.5 | 4.67 |
| CI.24.F.A4\_463\_35 | SAMN39640418 | [JBDWPV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPV000000000.1/) | *Sneathiella sp.* | 98.2 | 1.1 | 2.40E+04 | 0.56 | 285 | 8.7 | 4.55 |
| LC.212.M.A5\_371\_43 | SAMN39640081 | [JBDWCW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCW000000000.1/) | *Pseudophaeobacter sp.* | 100.0 | 1.0 | 3.43E+05 | 0.56 | 68 | 7.0 | 4.99 |
| LC.212.M.A5\_371\_14 | SAMN39640076 | [JBDWCR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCR000000000.1/) | *Marinobacter sp.* | 100.0 | 0.1 | 4.15E+05 | 0.56 | 18 | 114.1 | 3.54 |
| LC.120.F.D4\_374\_31 | SAMN39640089 | [JBDWDE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDE000000000.1/) | *Marinobacter sp.* | 100.0 | 0.2 | 4.10E+05 | 0.56 | 20 | 253.9 | 3.49 |
| CI.02.F.B4\_417\_7 | SAMN39640168 | [JBDWGF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGF000000000.1/) | *Marinobacter sp.* | 99.4 | 2.5 | 1.62E+04 | 0.56 | 307 | 8.0 | 3.51 |
| CI.01.F.A4\_420\_60 | SAMN39640197 | [JBDWHI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHI000000000.1/) | *Marinobacter sp.* | 93.0 | 1.8 | 8.38E+03 | 0.56 | 541 | 6.2 | 3.36 |
| CI.04.F.C2\_28\_34 | SAMN39639930 | [JBDVXB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXB000000000.1/) | *Marinobacter sp.* | 100.0 | 0.2 | 1.47E+05 | 0.56 | 83 | 19.1 | 4.85 |
| AQ.29.F.C3\_31\_46 | SAMN39640007 | [JBDWAA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAA000000000.1/) | *Marinobacter sp.* | 100.0 | 0.2 | 1.61E+05 | 0.56 | 88 | 488.6 | 4.89 |
| CI.60.F.C2\_37\_44 | SAMN39640070 | [JBDWCL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCL000000000.1/) | *Marinobacter sp.* | 100.0 | 0.2 | 1.80E+05 | 0.56 | 72 | 12.7 | 4.83 |
| AQ.34.F.B6\_43\_96 | SAMN39640285 | [JBDWKS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKS000000000.1/) | *Marinobacter sp.* | 100.0 | 0.3 | 2.96E+04 | 0.56 | 263 | 10.1 | 4.80 |
| CB.73.F.B2\_105\_34 | SAMN39639243 | [JBDUWQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWQ000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 1.2 | 1.05E+04 | 0.56 | 482 | 7.2 | 3.50 |
| CB.42.M.D5\_127\_83 | SAMN39639381 | [JBDVBY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBY000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.3 | 8.72E+05 | 0.56 | 13 | 39.0 | 3.78 |
| AQ.59A.F.C1\_14\_7 | SAMN39639451 | [JBDVEQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEQ000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 8.2 | 1.55E+05 | 0.56 | 122 | 12.6 | 5.01 |
| AQ.20.F.C2\_2\_7 | SAMN39639724 | [JBDVPD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPD000000000.1/) | *Paracoccaceae bacterium* | 99.9 | 0.7 | 4.73E+04 | 0.56 | 271 | 4.7 | 4.46 |
| AQ.39.F.D5\_24\_34 | SAMN39639865 | [JBDVUO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUO000000000.1/) | *Paracoccaceae bacterium* | 99.8 | 4.4 | 3.48E+04 | 0.56 | 235 | 3.2 | 4.47 |
| AQ.40.F.A1\_26\_62 | SAMN39639915 | [JBDVWM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWM000000000.1/) | *Paracoccaceae bacterium* | 95.3 | 3.9 | 1.27E+05 | 0.56 | 60 | 12.4 | 3.73 |
| AQ.25.F.B6\_3\_43 | SAMN39639971 | [JBDVYQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYQ000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 3.3 | 6.92E+05 | 0.56 | 41 | 2.6 | 4.35 |
| AQ.31.F.A4\_36\_87 | SAMN39640061 | [JBDWCC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCC000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.2 | 8.72E+05 | 0.56 | 12 | 38.3 | 3.78 |
| AQ.06.F.A6\_42\_33 | SAMN39640177 | [JBDWGO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGO000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 0.7 | 7.06E+05 | 0.56 | 20 | 28.9 | 3.89 |
| AQ.15.M.B6\_50\_001 | SAMN39640558 | [JBDWVF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVF000000000.1/) | *Paracoccaceae bacterium* | 99.4 | 5.2 | 3.57E+04 | 0.56 | 179 | 11.1 | 3.83 |
| AQ.26.F.B4\_52\_14 | SAMN39640652 | [JBDWYV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYV000000000.1/) | *Paracoccaceae bacterium* | 100.0 | 4.2 | 2.92E+05 | 0.56 | 368 | 3.2 | 5.36 |
| AQ.11.F.C4\_7\_012 | SAMN39640840 | [JBDXGB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGB000000000.1/) | *Paracoccaceae bacterium* | 99.3 | 0.9 | 5.99E+04 | 0.56 | 106 | 7.4 | 3.60 |
| AQ.31.F.A4\_36\_14 | SAMN39640053 | [JBDWBU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBU000000000.1/) | *Roseibium polysiphoniae* | 98.7 | 3.9 | 4.67E+04 | 0.56 | 249 | 6.1 | 5.48 |
| LC.369.M.C6\_330\_97 | SAMN39640025 | [JBDWAS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAS000000000.1/) | *Maricaulis sp.* | 100.0 | 0.2 | 9.35E+04 | 0.56 | 59 | 19.1 | 3.70 |
| CI.26.M.D5\_445\_125 | SAMN39640308 | [JBDWLP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLP000000000.1/) | *Maricaulis sp.* | 95.3 | 3.2 | 2.23E+04 | 0.56 | 242 | 10.4 | 3.44 |
| LC.369.M.C6\_330\_8 | SAMN39640024 | [JBDWAR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAR000000000.1/) | *Luteolibacter sp.* | 96.9 | 0.1 | 2.30E+05 | 0.56 | 26 | 61.5 | 4.01 |
| LC.111.F.C3\_358\_38 | SAMN39640042 | [JBDWBJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBJ000000000.1/) | *Luteolibacter sp.* | 96.3 | 0.1 | 7.05E+04 | 0.56 | 93 | 10.8 | 3.97 |
| CI.62.F.A4\_427\_98 | SAMN39640266 | [JBDWJZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJZ000000000.1/) | *Luteolibacter sp.* | 95.7 | 0.1 | 1.09E+05 | 0.56 | 57 | 23.5 | 3.99 |
| CI.17.F.C3\_459\_007 | SAMN39640385 | [JBDWOO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOO000000000.1/) | *Luteolibacter sp.* | 95.9 | 0.1 | 2.27E+05 | 0.56 | 72 | 6.3 | 4.07 |
| CI.24.F.A4\_463\_17 | SAMN39640417 | [JBDWPU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPU000000000.1/) | *Luteolibacter sp.* | 95.9 | 0.1 | 2.11E+05 | 0.56 | 31 | 29.1 | 4.00 |
| LC.02.F.A2\_479\_35 | SAMN39640452 | [JBDWRD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRD000000000.1/) | *Luteolibacter sp.* | 96.0 | 0.1 | 9.50E+04 | 0.56 | 64 | 13.6 | 3.99 |
| CI.47.F.D1\_481\_004 | SAMN39640487 | [JBDWSM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSM000000000.1/) | *Luteolibacter sp.* | 95.9 | 0.1 | 2.13E+05 | 0.56 | 51 | 24.0 | 4.02 |
| LC.122.F.C4\_512\_009 | SAMN39640636 | [JBDWYF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYF000000000.1/) | *Luteolibacter sp.* | 96.4 | 0.1 | 4.35E+04 | 0.56 | 186 | 5.5 | 3.95 |
| LC.369.M.C6\_330\_38 | SAMN39640023 | [JBDWAQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAQ000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.6 | 1.98E+06 | 0.56 | 13 | 125.3 | 3.67 |
| CI.58.F.C2\_411\_44 | SAMN39640159 | [JBDWFW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFW000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 7.06E+05 | 0.56 | 14 | 18.7 | 3.64 |
| CI.59.F.A1\_421\_51 | SAMN39640208 | [JBDWHT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHT000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 9.80E+05 | 0.56 | 11 | 363.2 | 3.65 |
| LC.100.F.B2\_422\_27 | SAMN39640218 | [JBDWID000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWID000000000.1/) | *Parasphingorhabdus sp.* | 95.1 | 1.9 | 6.72E+04 | 0.56 | 91 | 11.5 | 3.64 |
| CI.08.F.C4\_449\_29 | SAMN39640335 | [JBDWMQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMQ000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 5.19E+05 | 0.56 | 165 | 6.7 | 4.32 |
| CI.11.F.A3\_462\_8 | SAMN39640414 | [JBDWPR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPR000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 1.98E+06 | 0.56 | 9 | 187.0 | 3.63 |
| CI.40.F.D2\_503\_52 | SAMN39640571 | [JBDWVS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVS000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.1 | 5.19E+05 | 0.56 | 277 | 5.2 | 4.77 |
| LC.369.M.C6\_330\_100 | SAMN39640018 | [JBDWAL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAL000000000.1/) | *Aliishimia sp.* | 100.0 | 2.0 | 2.31E+05 | 0.56 | 64 | 134.4 | 5.89 |
| AQ.29.F.C3\_31\_9 | SAMN39640010 | [JBDWAD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAD000000000.1/) | *Halioglobus sp.* | 100.0 | 0.2 | 4.31E+05 | 0.56 | 23 | 7.1 | 4.64 |
| AQ.25.F.B6\_3\_14 | SAMN39639968 | [JBDVYN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYN000000000.1/) | *Tateyamaria sp.* | 98.9 | 0.2 | 2.46E+05 | 0.56 | 37 | 3.9 | 4.28 |
| LC.07.F.D4\_302\_24 | SAMN39639993 | [JBDVZM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZM000000000.1/) | *Tateyamaria sp.* | 99.9 | 0.0 | 3.19E+05 | 0.56 | 40 | 172.8 | 4.51 |
| CI.26.F.C1\_514\_80 | SAMN39640648 | [JBDWYR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYR000000000.1/) | *Tateyamaria sp.* | 99.7 | 0.3 | 2.46E+05 | 0.56 | 50 | 811.1 | 4.50 |
| LC.173.F.D1\_294\_68 | SAMN39639963 | [JBDVYI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYI000000000.1/) | *Pseudophaeobacter sp.* | 100.0 | 0.0 | 3.17E+05 | 0.56 | 26 | 42.4 | 4.39 |
| AQ.08.F.D1\_29\_31 | SAMN39639947 | [JBDVXS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXS000000000.1/) | *Hyphomicrobiales bacterium* | 98.6 | 1.1 | 2.97E+04 | 0.56 | 163 | 9.3 | 3.33 |
| LC.172.F.D2\_251\_014 | SAMN39639886 | [JBDVVJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVJ000000000.1/) | *Halieaceae bacterium* | 92.4 | 5.5 | 5.53E+03 | 0.56 | 846 | 7.5 | 3.58 |
| LC.105.F.D3\_287\_25 | SAMN39639939 | [JBDVXK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXK000000000.1/) | *Halieaceae bacterium* | 100.0 | 0.4 | 3.14E+05 | 0.56 | 28 | 13.7 | 4.28 |
| LC.105.F.D3\_287\_101 | SAMN39639934 | [JBDVXF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXF000000000.1/) | *Paraglaciecola sp.* | 100.0 | 0.2 | 2.82E+05 | 0.56 | 50 | 20.2 | 5.67 |
| CB.04.M.C5\_124\_79 | SAMN39639370 | [JBDVBN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBN000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.23E+06 | 0.56 | 4 | 268.6 | 4.69 |
| CB.49.M.B5\_130\_80 | SAMN39639407 | [JBDVCY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCY000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.23E+06 | 0.56 | 5 | 267.1 | 4.69 |
| LC.102.F.A1\_144\_55 | SAMN39639475 | [JBDVFO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFO000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.27E+06 | 0.56 | 3 | 157.4 | 4.69 |
| CB.04.F.A3\_155\_4 | SAMN39639500 | [JBDVGN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGN000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.23E+06 | 0.56 | 5 | 219.1 | 4.68 |
| CB.01.F.D3\_159\_002 | SAMN39639537 | [JBDVHY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHY000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.14E+06 | 0.56 | 23 | 3.0 | 4.72 |
| AQ.28.F.A5\_164\_7 | SAMN39639559 | [JBDVIU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIU000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.04E+06 | 0.56 | 6 | 241.2 | 4.68 |
| LC.119.F.D4\_174\_81 | SAMN39639629 | [JBDVLM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLM000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.23E+06 | 0.56 | 6 | 165.2 | 4.69 |
| LC.107.F.A2\_175\_4 | SAMN39639636 | [JBDVLT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLT000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.14E+06 | 0.56 | 6 | 4.7 | 4.68 |
| CB.49.F.A1\_179\_12 | SAMN39639639 | [JBDVLW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLW000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.23E+06 | 0.56 | 5 | 311.6 | 4.72 |
| LC.100.F.D2\_188\_9 | SAMN39639685 | [JBDVNQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNQ000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 6.78E+05 | 0.44 | 9 | 25.9 | 4.68 |
| AQ.07.F.C5\_194\_59 | SAMN39639699 | [JBDVOE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOE000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.23E+06 | 0.56 | 5 | 181.2 | 4.69 |
| LC.101.F.A3\_199\_66 | SAMN39639712 | [JBDVOR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOR000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.14E+06 | 0.56 | 7 | 64.8 | 4.68 |
| LC.09.F.B3\_212\_5 | SAMN39639764 | [JBDVQR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQR000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.23E+06 | 0.56 | 5 | 255.3 | 4.68 |
| LC.118.F.C4\_216\_83 | SAMN39639777 | [JBDVRE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRE000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 9.51E+05 | 0.56 | 8 | 320.5 | 4.69 |
| LC.122.F.D4\_220\_6 | SAMN39639794 | [JBDVRV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRV000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.27E+06 | 0.56 | 4 | 118.8 | 4.69 |
| CB.59.M.B5\_223\_009 | SAMN39639808 | [JBDVSJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSJ000000000.1/) | *Ekhidna sp.* | 98.9 | 1.0 | 1.23E+06 | 0.56 | 83 | 15.0 | 4.82 |
| LC.04.F.D4\_227\_11 | SAMN39639811 | [JBDVSM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSM000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 7.40E+05 | 0.56 | 7 | 590.7 | 4.69 |
| CB.57.F.B3\_234\_17 | SAMN39639843 | [JBDVTS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTS000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.14E+06 | 0.56 | 6 | 53.8 | 4.68 |
| LC.123.F.D2\_252\_50 | SAMN39639891 | [JBDVVO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVO000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.27E+06 | 0.56 | 4 | 226.6 | 4.69 |
| LC.105.F.D3\_287\_88 | SAMN39639943 | [JBDVXO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXO000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.23E+06 | 0.56 | 5 | 221.8 | 4.69 |
| LC.111.F.C3\_358\_7 | SAMN39640046 | [JBDWBN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBN000000000.1/) | *Ekhidna sp.* | 98.8 | 0.2 | 1.23E+06 | 0.56 | 7 | 209.3 | 4.69 |
| LC.212.M.A5\_371\_59 | SAMN39640083 | [JBDWCY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCY000000000.1/) | *Ekhidna sp.* | 98.8 | 0.4 | 1.23E+06 | 0.56 | 7 | 97.3 | 4.69 |
| LC.123.F.D2\_252\_28 | SAMN39639888 | [JBDVVL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVL000000000.1/) | *Roseibium album* | 100.0 | 0.3 | 4.85E+05 | 0.56 | 29 | 95.6 | 6.93 |
| CB.59.M.B5\_223\_62 | SAMN39639805 | [JBDVSG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSG000000000.1/) | *Sulfitobacter sp.* | 98.7 | 1.4 | 2.28E+04 | 0.56 | 256 | 7.9 | 3.72 |
| CB.57.F.B3\_234\_29 | SAMN39639847 | [JBDVTW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTW000000000.1/) | *Sulfitobacter sp.* | 92.6 | 2.3 | 2.16E+05 | 0.56 | 54 | 32.2 | 4.08 |
| CB.59.M.B5\_223\_016 | SAMN39639810 | [JBDVSL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSL000000000.1/) | *Roseibium sp.* | 92.4 | 10.0 | 7.74E+05 | 0.56 | 640 | 4.9 | 5.49 |
| AQ.19.M.C2\_23\_016 | SAMN39639831 | [JBDVTG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTG000000000.1/) | *Roseibium sp.* | 99.9 | 1.7 | 1.06E+06 | 0.56 | 68 | 4.7 | 5.12 |
| CI.48.F.B2\_423\_30 | SAMN39640229 | [JBDWIO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIO000000000.1/) | *Roseibium sp.* | 100.0 | 3.5 | 2.27E+05 | 0.56 | 53 | 206.5 | 5.14 |
| LC.116.F.D3\_460\_35 | SAMN39640396 | [JBDWOZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOZ000000000.1/) | *Roseibium sp.* | 100.0 | 0.0 | 3.15E+05 | 0.56 | 43 | 311.0 | 4.86 |
| LC.107.M.D6\_472\_41 | SAMN39640438 | [JBDWQP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQP000000000.1/) | *Roseibium sp.* | 100.0 | 0.2 | 4.50E+05 | 0.56 | 16 | 202.4 | 4.92 |
| LC.02.F.A2\_479\_106 | SAMN39640448 | [JBDWQZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQZ000000000.1/) | *Roseibium sp.* | 100.0 | 4.6 | 2.95E+05 | 0.56 | 44 | 215.1 | 5.07 |
| CI.47.F.D1\_481\_17 | SAMN39640475 | [JBDWSA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSA000000000.1/) | *Roseibium sp.* | 99.9 | 0.0 | 3.15E+05 | 0.56 | 49 | 25.5 | 4.86 |
| LC.104.M.D5\_486\_45 | SAMN39640500 | [JBDWSZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSZ000000000.1/) | *Roseibium sp.* | 99.9 | 3.3 | 4.56E+04 | 0.56 | 225 | 148.8 | 5.34 |
| LC.119.F.A4\_494\_50 | SAMN39640521 | [JBDWTU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTU000000000.1/) | *Roseibium sp.* | 100.0 | 0.0 | 3.15E+05 | 0.56 | 41 | 232.1 | 4.86 |
| LC.09.M.C6\_495\_48 | SAMN39640530 | [JBDWUD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUD000000000.1/) | *Roseibium sp.* | 100.0 | 0.7 | 3.15E+05 | 0.56 | 43 | 133.5 | 4.87 |
| LC.122.F.C4\_512\_3 | SAMN39640623 | [JBDWXS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXS000000000.1/) | *Roseibium sp.* | 100.0 | 0.3 | 2.95E+05 | 0.56 | 41 | 261.1 | 4.86 |
| LC.110.F.C1\_528\_112 | SAMN39640662 | [JBDWZF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZF000000000.1/) | *Roseibium sp.* | 100.0 | 3.4 | 1.92E+05 | 0.55 | 99 | 4.5 | 5.19 |
| LC.102.F.C1\_567\_59 | SAMN39640753 | [JBDXCS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCS000000000.1/) | *Roseibium sp.* | 100.0 | 1.8 | 2.95E+05 | 0.56 | 36 | 166.7 | 4.81 |
| LC.04.F.C4\_573\_86 | SAMN39640763 | [JBDXDC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDC000000000.1/) | *Roseibium sp.* | 100.0 | 0.0 | 3.15E+05 | 0.56 | 43 | 444.5 | 4.86 |
| LC.122.F.D4\_220\_62 | SAMN39639796 | [JBDVRX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRX000000000.1/) | *Maribacter litoralis* | 98.3 | 1.2 | 2.82E+04 | 0.56 | 239 | 10.6 | 4.46 |
| LC.106.F.A4\_166\_47 | SAMN39639569 | [JBDVJE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJE000000000.1/) | *Polaribacter sp.* | 98.7 | 0.2 | 7.77E+04 | 0.46 | 93 | 9.7 | 3.19 |
| AQ.07.F.C5\_194\_38 | SAMN39639696 | [JBDVOB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOB000000000.1/) | *Polaribacter sp.* | 99.8 | 3.7 | 2.70E+05 | 0.56 | 22 | 14.4 | 3.33 |
| LC.06.F.A3\_204\_85 | SAMN39639747 | [JBDVQA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQA000000000.1/) | *Polaribacter sp.* | 99.7 | 4.3 | 5.84E+05 | 0.56 | 23 | 5.3 | 3.36 |
| LC.06.F.A3\_204\_45 | SAMN39639744 | [JBDVPX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPX000000000.1/) | *Maribacter sp.* | 93.5 | 2.6 | 1.13E+04 | 0.56 | 492 | 7.8 | 4.03 |
| LC.119.F.D4\_174\_54 | SAMN39639624 | [JBDVLH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLH000000000.1/) | *Kangiellaceae bacterium* | 99.4 | 0.6 | 3.60E+04 | 0.56 | 190 | 9.3 | 4.85 |
| LC.127.F.D4\_180\_21 | SAMN39639653 | [JBDVMK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMK000000000.1/) | *Kangiellaceae bacterium* | 100.0 | 0.7 | 5.18E+04 | 0.56 | 150 | 15.0 | 4.89 |
| LC.109.F.C4\_184\_003 | SAMN39639675 | [JBDVNG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNG000000000.1/) | *Kangiellaceae bacterium* | 100.0 | 1.1 | 5.15E+05 | 0.55 | 57 | 112.8 | 4.97 |
| AQ.07.F.C5\_194\_016 | SAMN39639704 | [JBDVOJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOJ000000000.1/) | *Kangiellaceae bacterium* | 100.0 | 0.8 | 7.58E+04 | 0.56 | 130 | 11.6 | 4.95 |
| LC.101.F.A3\_199\_36 | SAMN39639708 | [JBDVON000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVON000000000.1/) | *Kangiellaceae bacterium* | 100.0 | 0.8 | 5.15E+05 | 0.56 | 12 | 4.4 | 4.91 |
| LC.06.F.A3\_204\_109 | SAMN39639740 | [JBDVPT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPT000000000.1/) | *Kangiellaceae bacterium* | 100.0 | 0.8 | 5.15E+05 | 0.56 | 12 | 37.8 | 4.91 |
| LC.04.F.D4\_227\_59 | SAMN39639816 | [JBDVSR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSR000000000.1/) | *Kangiellaceae bacterium* | 100.0 | 0.8 | 4.70E+05 | 0.56 | 14 | 31.0 | 4.91 |
| LC.05.F.A2\_232\_103 | SAMN39639834 | [JBDVTJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTJ000000000.1/) | *Kangiellaceae bacterium* | 100.0 | 0.8 | 4.18E+05 | 0.55 | 17 | 17.9 | 4.91 |
| CB.57.F.B3\_234\_53 | SAMN39639851 | [JBDVUA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUA000000000.1/) | *Kangiellaceae bacterium* | 100.0 | 1.3 | 1.83E+05 | 0.56 | 45 | 12.4 | 4.90 |
| AQ.07.M.A6\_20\_77 | SAMN39639733 | [JBDVPM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPM000000000.1/) | *Alteripontixanthobacter sp.* | 100.0 | 0.0 | 2.78E+06 | 0.56 | 15 | 4.1 | 2.83 |
| AQ.24.F.C5\_40\_002 | SAMN39640136 | [JBDWEZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEZ000000000.1/) | *Alteripontixanthobacter sp.* | 100.0 | 0.4 | 1.95E+05 | 0.56 | 46 | 12.7 | 3.02 |
| AQ.11.F.C4\_7\_9 | SAMN39640837 | [JBDXFY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFY000000000.1/) | *Alteripontixanthobacter sp.* | 99.4 | 0.0 | 2.84E+04 | 0.56 | 145 | 4.9 | 2.63 |
| LC.101.F.A3\_199\_75 | SAMN39639714 | [JBDVOT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOT000000000.1/) | *Maribacter sp.* | 98.2 | 0.9 | 2.28E+04 | 0.56 | 285 | 10.3 | 4.22 |
| CB.49.M.B5\_130\_111 | SAMN39639396 | [JBDVCN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCN000000000.1/) | *Roseibium sp.* | 100.0 | 0.5 | 4.99E+05 | 0.56 | 23 | 24.7 | 5.85 |
| CB.37.F.D4\_140\_91 | SAMN39639466 | [JBDVFF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFF000000000.1/) | *Roseibium sp.* | 100.0 | 0.3 | 5.98E+05 | 0.56 | 19 | 25.5 | 5.60 |
| CB.04.F.A3\_155\_28 | SAMN39639498 | [JBDVGL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGL000000000.1/) | *Roseibium sp.* | 100.0 | 0.4 | 1.01E+05 | 0.56 | 96 | 13.2 | 5.80 |
| CB.75.F.D4\_158\_4 | SAMN39639522 | [JBDVHJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHJ000000000.1/) | *Roseibium sp.* | 92.1 | 0.8 | 1.73E+04 | 0.55 | 414 | 9.5 | 5.42 |
| LC.106.F.A4\_166\_28 | SAMN39639565 | [JBDVJA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJA000000000.1/) | *Roseibium sp.* | 100.0 | 0.3 | 2.92E+05 | 0.56 | 38 | 17.1 | 5.72 |
| LC.119.F.D4\_174\_71 | SAMN39639628 | [JBDVLL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLL000000000.1/) | *Roseibium sp.* | 100.0 | 0.3 | 7.18E+05 | 0.58 | 21 | 21.0 | 5.72 |
| CB.49.F.A1\_179\_47 | SAMN39639644 | [JBDVMB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMB000000000.1/) | *Roseibium sp.* | 100.0 | 0.2 | 5.98E+05 | 0.58 | 20 | 33.8 | 5.71 |
| LC.109.F.C4\_184\_008 | SAMN39639677 | [JBDVNI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNI000000000.1/) | *Roseibium sp.* | 99.9 | 3.5 | 6.36E+04 | 0.58 | 334 | 5.9 | 5.83 |
| LC.101.F.A3\_199\_30 | SAMN39639707 | [JBDVOM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOM000000000.1/) | *Roseibium sp.* | 100.0 | 0.2 | 7.18E+05 | 0.58 | 18 | 39.1 | 5.71 |
| LC.173.F.D1\_294\_27 | SAMN39639956 | [JBDVYB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYB000000000.1/) | *Roseibium sp.* | 100.0 | 0.3 | 2.30E+05 | 0.67 | 46 | 16.4 | 5.71 |
| LC.369.M.C6\_330\_12 | SAMN39640020 | [JBDWAN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAN000000000.1/) | *Roseibium sp.* | 100.0 | 0.2 | 5.10E+05 | 0.67 | 21 | 34.6 | 5.71 |
| AQ.31.F.A4\_36\_38 | SAMN39640057 | [JBDWBY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBY000000000.1/) | *Roseibium sp.* | 100.0 | 0.2 | 4.51E+05 | 0.6 | 21 | 26.1 | 5.69 |
| CI.59.F.A1\_421\_76 | SAMN39640212 | [JBDWHX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHX000000000.1/) | *Roseibium sp.* | 100.0 | 0.2 | 3.42E+05 | 0.6 | 27 | 38.9 | 5.72 |
| LC.07.F.A4\_511\_35 | SAMN39640611 | [JBDWXG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXG000000000.1/) | *Roseibium sp.* | 100.0 | 1.6 | 9.81E+04 | 0.6 | 91 | 15.5 | 5.72 |
| CB.03.F.D2\_62\_21 | SAMN39640789 | [JBDXEC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEC000000000.1/) | *Roseibium sp.* | 100.0 | 0.4 | 7.68E+04 | 0.6 | 117 | 10.0 | 5.71 |
| LC.101.F.A3\_199\_15 | SAMN39639706 | [JBDVOL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOL000000000.1/) | *Reichenbachiella sp.* | 98.0 | 0.5 | 6.76E+05 | 0.6 | 18 | 29.5 | 4.75 |
| LC.122.F.D4\_220\_53 | SAMN39639792 | [JBDVRT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRT000000000.1/) | *Reichenbachiella sp.* | 94.1 | 3.8 | 2.09E+04 | 0.6 | 311 | 9.1 | 4.61 |
| CB.49.M.B5\_130\_103 | SAMN39639395 | [JBDVCM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCM000000000.1/) | *Ilumatobacter sp.* | 99.9 | 0.4 | 7.88E+04 | 0.6 | 101 | 13.6 | 4.75 |
| CB.66.M.B5\_19\_16 | SAMN39639689 | [JBDVNU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNU000000000.1/) | *Ilumatobacter sp.* | 99.9 | 0.5 | 2.77E+05 | 0.6 | 38 | 23.8 | 4.76 |
| CI.46.F.A4\_53\_008 | SAMN39640687 | [JBDXAE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAE000000000.1/) | *Ilumatobacter sp.* | 93.9 | 1.1 | 9.31E+03 | 0.6 | 735 | 9.2 | 4.62 |
| CB.53.M.C5\_54\_008 | SAMN39640705 | [JBDXAW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAW000000000.1/) | *Ilumatobacter sp.* | 99.9 | 0.6 | 7.89E+04 | 0.6 | 120 | 10.7 | 4.77 |
| AQ.08.M.C5\_70\_10 | SAMN39640841 | [JBDXGC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGC000000000.1/) | *Ilumatobacter sp.* | 92.9 | 3.0 | 5.79E+03 | 0.6 | 1036 | 6.1 | 4.42 |
| AQ.21.F.C1\_80\_84 | SAMN39640894 | [JBDXID000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXID000000000.1/) | *Ilumatobacter sp.* | 99.9 | 0.5 | 2.08E+05 | 0.6 | 43 | 6.1 | 4.76 |
| LC.109.F.C4\_184\_68 | SAMN39639671 | [JBDVNC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNC000000000.1/) | *Shimia sp.* | 100.0 | 0.4 | 2.51E+05 | 0.6 | 51 | 30.8 | 4.73 |
| AQ.03.F.D1\_10\_39 | SAMN39639214 | [JBDUVN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVN000000000.1/) | *Algoriphagus sp.* | 96.7 | 4.3 | 4.99E+03 | 0.6 | 1099 | 4.3 | 4.19 |
| AQ.50.F.D1\_171\_63 | SAMN39639601 | [JBDVKK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKK000000000.1/) | *Algoriphagus sp.* | 94.6 | 0.6 | 3.76E+04 | 0.6 | 182 | 11.7 | 4.45 |
| LC.109.F.C4\_184\_51 | SAMN39639668 | [JBDVMZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMZ000000000.1/) | *Algoriphagus sp.* | 99.9 | 0.2 | 5.48E+05 | 0.6 | 26 | 33.9 | 4.63 |
| LC.101.F.A3\_199\_55 | SAMN39639709 | [JBDVOO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOO000000000.1/) | *Algoriphagus sp.* | 98.2 | 1.1 | 2.01E+04 | 0.6 | 305 | 8.8 | 4.44 |
| AQ.07.M.A6\_20\_33 | SAMN39639728 | [JBDVPH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPH000000000.1/) | *Algoriphagus sp.* | 93.2 | 0.4 | 4.96E+04 | 0.6 | 181 | 4.6 | 4.51 |
| AQ.05.M.B6\_22\_101 | SAMN39639779 | [JBDVRG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRG000000000.1/) | *Algoriphagus sp.* | 99.9 | 0.2 | 1.42E+05 | 0.6 | 81 | 7.8 | 4.58 |
| AQ.19.M.C2\_23\_015 | SAMN39639830 | [JBDVTF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTF000000000.1/) | *Algoriphagus sp.* | 94.2 | 1.3 | 3.20E+04 | 0.6 | 288 | 7.5 | 4.44 |
| AQ.29.F.C3\_31\_57 | SAMN39640008 | [JBDWAB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAB000000000.1/) | *Algoriphagus sp.* | 92.7 | 0.4 | 4.16E+04 | 0.61 | 161 | 13.0 | 4.32 |
| AQ.12.M.C3\_6\_106 | SAMN39640773 | [JBDXDM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDM000000000.1/) | *Algoriphagus sp.* | 95.7 | 1.4 | 4.85E+04 | 0.6 | 191 | 4.6 | 4.54 |
| CB.66.F.B1\_115\_36 | SAMN39639281 | [JBDUYC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYC000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 7.02E+05 | 0.44 | 7 | 20.0 | 4.33 |
| CB.43.F.B2\_119\_103 | SAMN39639306 | [JBDUZB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZB000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 1.48E+06 | 0.61 | 5 | 36.3 | 4.33 |
| CB.10.F.C1\_120\_34 | SAMN39639338 | [JBDVAH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAH000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 1.33E+06 | 0.34 | 6 | 24.9 | 4.33 |
| CB.07.M.B5\_121\_1 | SAMN39639347 | [JBDVAQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAQ000000000.1/) | *Maribacter dokdonensis* | 97.5 | 0.2 | 1.08E+04 | 0.58 | 553 | 6.3 | 4.16 |
| CB.04.M.C5\_124\_44 | SAMN39639366 | [JBDVBJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBJ000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.6 | 9.63E+04 | 0.57 | 66 | 11.6 | 4.35 |
| CB.42.M.D5\_127\_75 | SAMN39639380 | [JBDVBX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBX000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 1.56E+06 | 0.57 | 4 | 24.4 | 4.36 |
| CB.49.M.B5\_130\_42 | SAMN39639403 | [JBDVCU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCU000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 2.99E+05 | 0.57 | 20 | 14.8 | 4.35 |
| CB.51.F.C3\_134\_54 | SAMN39639412 | [JBDVDD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDD000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 4.86E+05 | 0.57 | 12 | 16.6 | 4.33 |
| CB.54.F.C2\_137\_101 | SAMN39639417 | [JBDVDI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDI000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 1.33E+06 | 0.57 | 6 | 30.6 | 4.33 |
| CB.37.F.D4\_140\_43 | SAMN39639462 | [JBDVFB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFB000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 1.33E+06 | 0.57 | 6 | 108.6 | 4.33 |
| CB.64.M.A6\_145\_12 | SAMN39639479 | [JBDVFS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFS000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 5.44E+05 | 0.57 | 10 | 16.3 | 4.33 |
| CB.04.F.A3\_155\_30 | SAMN39639499 | [JBDVGM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGM000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 1.03E+06 | 0.57 | 6 | 27.1 | 4.33 |
| CB.75.F.D4\_158\_25 | SAMN39639520 | [JBDVHH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHH000000000.1/) | *Maribacter dokdonensis* | 92.0 | 0.4 | 1.63E+04 | 0.57 | 357 | 17.9 | 3.78 |
| CB.01.F.D3\_159\_69 | SAMN39639534 | [JBDVHV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHV000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 1.33E+06 | 0.57 | 6 | 60.7 | 4.33 |
| AQ.28.F.A5\_164\_15 | SAMN39639556 | [JBDVIR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIR000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 8.79E+05 | 0.57 | 10 | 15.4 | 4.33 |
| LC.106.F.A4\_166\_5 | SAMN39639570 | [JBDVJF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJF000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 3.45E+05 | 0.57 | 23 | 12.1 | 4.35 |
| AQ.50.F.D1\_171\_32 | SAMN39639597 | [JBDVKG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKG000000000.1/) | *Maribacter dokdonensis* | 91.9 | 2.8 | 1.27E+04 | 0.57 | 432 | 6.5 | 4.02 |
| LC.10.F.D3\_173\_42 | SAMN39639609 | [JBDVKS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKS000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 3.42E+05 | 0.57 | 28 | 18.2 | 4.47 |
| LC.119.F.D4\_174\_82 | SAMN39639630 | [JBDVLN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLN000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 1.47E+06 | 0.57 | 5 | 19.5 | 4.32 |
| CB.49.F.A1\_179\_71 | SAMN39639648 | [JBDVMF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMF000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 2.20E+06 | 0.38 | 6 | 35.5 | 4.33 |
| LC.109.F.C4\_184\_85 | SAMN39639673 | [JBDVNE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNE000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 1.48E+06 | 0.57 | 7 | 32.8 | 4.35 |
| LC.118.F.C4\_216\_37 | SAMN39639774 | [JBDVRB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRB000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 4.27E+05 | 0.38 | 15 | 14.9 | 4.32 |
| CB.59.M.B5\_223\_4 | SAMN39639802 | [JBDVSD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSD000000000.1/) | *Maribacter dokdonensis* | 92.0 | 1.2 | 8.63E+03 | 0.38 | 636 | 6.4 | 4.07 |
| LC.04.F.D4\_227\_67 | SAMN39639817 | [JBDVSS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSS000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 1.48E+06 | 0.38 | 5 | 47.6 | 4.33 |
| CB.57.F.B3\_234\_63 | SAMN39639853 | [JBDVUC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUC000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 2.20E+06 | 0.38 | 5 | 21.8 | 4.36 |
| LC.03.F.B2\_259\_1 | SAMN39639896 | [JBDVVT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVT000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 1.16E+05 | 0.38 | 61 | 10.7 | 4.35 |
| LC.105.F.D3\_287\_94 | SAMN39639945 | [JBDVXQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXQ000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 2.71E+05 | 0.38 | 30 | 10.2 | 4.35 |
| LC.173.F.D1\_294\_74 | SAMN39639965 | [JBDVYK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYK000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 4.41E+05 | 0.38 | 15 | 13.1 | 4.30 |
| LC.07.F.D4\_302\_16 | SAMN39639990 | [JBDVZJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZJ000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.3 | 1.00E+05 | 0.38 | 72 | 9.5 | 4.33 |
| CI.31.F.D2\_424\_86 | SAMN39640243 | [JBDWJC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJC000000000.1/) | *Maribacter dokdonensis* | 100.0 | 1.5 | 7.89E+05 | 0.38 | 19 | 9.5 | 4.47 |
| AQ.34.F.B6\_43\_1 | SAMN39640277 | [JBDWKK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKK000000000.1/) | *Maribacter dokdonensis* | 99.9 | 0.7 | 3.64E+04 | 0.38 | 240 | 29.7 | 4.56 |
| AQ.60.F.B1\_47\_010 | SAMN39640434 | [JBDWQL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQL000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.0 | 3.74E+05 | 0.38 | 201 | 10.8 | 3.71 |
| LC.02.F.A2\_479\_55 | SAMN39640455 | [JBDWRG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRG000000000.1/) | *Maribacter dokdonensis* | 100.0 | 2.4 | 3.20E+04 | 0.38 | 260 | 25.9 | 4.64 |
| LC.09.M.C6\_495\_92 | SAMN39640534 | [JBDWUH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUH000000000.1/) | *Maribacter dokdonensis* | 99.9 | 0.8 | 8.01E+04 | 0.38 | 92 | 9.8 | 4.44 |
| CI.26.F.C1\_514\_63 | SAMN39640644 | [JBDWYN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYN000000000.1/) | *Maribacter dokdonensis* | 90.7 | 1.9 | 1.81E+04 | 0.38 | 348 | 7.5 | 4.11 |
| CI.14.F.D1\_90\_46 | SAMN39640940 | [JBDXJX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJX000000000.1/) | *Maribacter dokdonensis* | 100.0 | 0.1 | 7.01E+04 | 0.38 | 108 | 25.0 | 4.26 |
| AQ.32.F.A2\_91\_45 | SAMN39640949 | [JBDXKG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKG000000000.1/) | *Maribacter dokdonensis* | 97.9 | 0.1 | 5.45E+04 | 0.38 | 152 | 14.0 | 4.18 |
| CB.05.F.D2\_97\_46 | SAMN39640984 | [JBDXLP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLP000000000.1/) | *Maribacter dokdonensis* | 98.9 | 2.6 | 2.89E+04 | 0.38 | 238 | 43.6 | 4.25 |
| CB.75.F.D4\_158\_2 | SAMN39639518 | [JBDVHF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHF000000000.1/) | *Henriciella sp.* | 100.0 | 0.0 | 3.14E+05 | 0.38 | 26 | 84.4 | 3.66 |
| CB.49.F.A1\_179\_54 | SAMN39639645 | [JBDVMC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMC000000000.1/) | *Henriciella sp.* | 100.0 | 0.0 | 3.14E+05 | 0.41 | 26 | 107.7 | 3.63 |
| CB.49.M.B5\_130\_69 | SAMN39639405 | [JBDVCW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCW000000000.1/) | *Marinomonas sp.* | 99.9 | 0.7 | 1.79E+04 | 0.35 | 282 | 8.6 | 3.35 |
| CB.49.F.A1\_179\_17 | SAMN39639640 | [JBDVLX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLX000000000.1/) | *Marinomonas sp.* | 100.0 | 3.8 | 2.43E+04 | 0.35 | 207 | 8.9 | 3.34 |
| LC.119.F.D4\_174\_50 | SAMN39639623 | [JBDVLG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLG000000000.1/) | *Roseobacter sp.* | 90.2 | 0.0 | 1.16E+05 | 0.35 | 67 | 19.1 | 3.74 |
| LC.02.F.D2\_507\_010 | SAMN39640600 | [JBDWWV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWV000000000.1/) | *Roseobacter sp.* | 100.0 | 0.5 | 3.75E+05 | 0.35 | 200 | 12.9 | 3.79 |
| LC.10.F.D3\_173\_87 | SAMN39639613 | [JBDVKW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKW000000000.1/) | *Fulvivirga sp.* | 99.9 | 0.1 | 4.31E+05 | 0.4 | 18 | 15.4 | 4.27 |
| LC.10.F.D3\_173\_68 | SAMN39639612 | [JBDVKV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKV000000000.1/) | *Cyclobacteriaceae bacterium* | 100.0 | 1.6 | 2.49E+05 | 0.4 | 32 | 14.9 | 4.87 |
| CB.02.M.C5\_139\_9 | SAMN39639441 | [JBDVEG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEG000000000.1/) | *Crocinitomicaceae bacterium* | 99.4 | 0.5 | 3.75E+05 | 0.4 | 17 | 32.5 | 4.05 |
| AQ.30.F.B4\_160\_53 | SAMN39639552 | [JBDVIN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIN000000000.1/) | *Crocinitomicaceae bacterium* | 99.2 | 0.5 | 3.75E+05 | 0.4 | 13 | 36.9 | 4.05 |
| LC.117.F.A3\_168\_5 | SAMN39639579 | [JBDVJO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJO000000000.1/) | *Crocinitomicaceae bacterium* | 97.3 | 0.5 | 4.97E+05 | 0.4 | 13 | 68.9 | 4.07 |
| AQ.50.F.D1\_171\_21 | SAMN39639594 | [JBDVKD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKD000000000.1/) | *Crocinitomicaceae bacterium* | 99.3 | 0.5 | 2.59E+05 | 0.4 | 17 | 64.4 | 4.05 |
| LC.10.F.D3\_173\_30 | SAMN39639608 | [JBDVKR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKR000000000.1/) | *Crocinitomicaceae bacterium* | 99.4 | 0.5 | 4.97E+05 | 0.4 | 19 | 142.6 | 4.08 |
| LC.109.F.C4\_184\_80 | SAMN39639672 | [JBDVND000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVND000000000.1/) | *Crocinitomicaceae bacterium* | 99.4 | 0.5 | 2.59E+05 | 0.4 | 18 | 93.8 | 4.06 |
| LC.103.F.C4\_504\_002 | SAMN39640584 | [JBDWWF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWF000000000.1/) | *Crocinitomicaceae bacterium* | 99.3 | 1.9 | 2.57E+05 | 0.4 | 127 | 5.8 | 4.23 |
| LC.10.F.D3\_173\_25 | SAMN39639606 | [JBDVKP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKP000000000.1/) | *Ekhidna sp.* | 99.6 | 2.9 | 5.29E+05 | 0.4 | 20 | 38.7 | 4.28 |
| LC.10.F.D3\_173\_22 | SAMN39639605 | [JBDVKO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKO000000000.1/) | *Ekhidna sp.* | 93.7 | 0.2 | 3.22E+05 | 0.55 | 25 | 407.9 | 4.36 |
| LC.103.F.C4\_504\_0 | SAMN39640577 | [JBDWVY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVY000000000.1/) | *Ekhidna sp.* | 97.0 | 1.6 | 3.02E+04 | 0.44 | 249 | 5.5 | 4.31 |
| AQ.30.F.B4\_160\_54 | SAMN39639553 | [JBDVIO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIO000000000.1/) | *Paracoccaceae bacterium* | 99.5 | 0.2 | 9.01E+04 | 0.44 | 104 | 28.1 | 4.73 |
| AQ.50.F.D1\_171\_25 | SAMN39639596 | [JBDVKF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKF000000000.1/) | *Paracoccaceae bacterium* | 99.8 | 1.1 | 9.40E+04 | 0.44 | 98 | 86.6 | 4.75 |
| LC.109.F.C4\_184\_2 | SAMN39639662 | [JBDVMT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMT000000000.1/) | *Paracoccaceae bacterium* | 95.3 | 7.1 | 2.26E+04 | 0.44 | 390 | 8.2 | 5.24 |
| AQ.50.F.D1\_171\_16 | SAMN39639593 | [JBDVKC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKC000000000.1/) | *Rhizobiaceae bacterium* | 98.7 | 5.3 | 4.66E+05 | 0.44 | 14 | 33.9 | 4.99 |
| LC.10.F.D3\_173\_15 | SAMN39639603 | [JBDVKM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKM000000000.1/) | *Rhizobiaceae bacterium* | 91.7 | 4.2 | 6.67E+04 | 0.44 | 227 | 6.4 | 5.55 |
| LC.119.F.D4\_174\_4 | SAMN39639620 | [JBDVLD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLD000000000.1/) | *Rhizobiaceae bacterium* | 98.4 | 0.3 | 2.47E+05 | 0.44 | 50 | 19.7 | 4.92 |
| LC.109.F.C4\_184\_20 | SAMN39639663 | [JBDVMU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMU000000000.1/) | *Rhizobiaceae bacterium* | 98.5 | 0.1 | 1.42E+05 | 0.44 | 62 | 11.8 | 4.63 |
| AQ.63.F.D4\_12\_32 | SAMN39639323 | [JBDUZS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZS000000000.1/) | *Balneola sp.* | 99.9 | 0.1 | 1.06E+06 | 0.44 | 10 | 83.8 | 4.96 |
| CB.02.M.C5\_139\_85 | SAMN39639440 | [JBDVEF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEF000000000.1/) | *Balneola sp.* | 100.0 | 10.0 | 9.63E+04 | 0.44 | 192 | 4.3 | 4.42 |
| CB.37.F.D4\_140\_45 | SAMN39639463 | [JBDVFC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFC000000000.1/) | *Balneola sp.* | 99.5 | 0.0 | 1.07E+05 | 0.44 | 53 | 90.4 | 3.93 |
| AQ.30.F.B4\_160\_14 | SAMN39639547 | [JBDVII000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVII000000000.1/) | *Balneola sp.* | 98.2 | 0.0 | 1.60E+04 | 0.44 | 364 | 10.5 | 3.77 |
| AQ.50.F.D1\_171\_15 | SAMN39639592 | [JBDVKB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKB000000000.1/) | *Balneola sp.* | 99.5 | 0.0 | 1.07E+05 | 0.44 | 53 | 43.1 | 3.93 |
| LC.10.F.D3\_173\_66 | SAMN39639611 | [JBDVKU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKU000000000.1/) | *Balneola sp.* | 99.6 | 0.0 | 1.03E+05 | 0.44 | 70 | 39.3 | 4.02 |
| LC.109.F.C4\_184\_65 | SAMN39639670 | [JBDVNB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNB000000000.1/) | *Balneola sp.* | 98.8 | 0.0 | 1.05E+05 | 0.44 | 55 | 91.6 | 3.93 |
| LC.122.F.D4\_220\_73 | SAMN39639798 | [JBDVRZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRZ000000000.1/) | *Balneola sp.* | 99.6 | 0.0 | 7.48E+04 | 0.44 | 77 | 18.6 | 4.03 |
| CB.59.M.B5\_223\_54 | SAMN39639803 | [JBDVSE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSE000000000.1/) | *Balneola sp.* | 99.6 | 0.0 | 7.41E+04 | 0.44 | 95 | 12.8 | 4.02 |
| LC.07.F.D4\_302\_6 | SAMN39639997 | [JBDVZQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZQ000000000.1/) | *Balneola sp.* | 100.0 | 0.9 | 4.23E+04 | 0.44 | 151 | 9.4 | 3.98 |
| LC.02.F.A2\_479\_20 | SAMN39640451 | [JBDWRC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRC000000000.1/) | *Balneola sp.* | 98.8 | 0.0 | 8.78E+04 | 0.44 | 73 | 65.1 | 3.94 |
| LC.122.F.C4\_512\_32 | SAMN39640624 | [JBDWXT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXT000000000.1/) | *Balneola sp.* | 99.4 | 2.5 | 6.57E+04 | 0.44 | 90 | 53.1 | 3.91 |
| CI.26.F.C1\_514\_99 | SAMN39640651 | [JBDWYU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYU000000000.1/) | *Balneola sp.* | 100.0 | 0.0 | 9.12E+04 | 0.44 | 59 | 27.9 | 3.93 |
| CB.05.F.D2\_97\_26 | SAMN39640980 | [JBDXLL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLL000000000.1/) | *Balneola sp.* | 99.5 | 6.1 | 7.50E+04 | 0.56 | 136 | 6.9 | 4.16 |
| LC.117.F.A3\_168\_30 | SAMN39639578 | [JBDVJN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJN000000000.1/) | *Cyclobacteriaceae bacterium* | 96.7 | 0.1 | 8.33E+04 | 0.44 | 98 | 14.6 | 4.92 |
| AQ.30.F.B4\_160\_66 | SAMN39639554 | [JBDVIP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIP000000000.1/) | *Cyclobacteriaceae bacterium* | 99.9 | 0.1 | 1.23E+05 | 0.44 | 68 | 18.7 | 5.17 |
| LC.117.F.A3\_168\_16 | SAMN39639576 | [JBDVJL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJL000000000.1/) | *Cyclobacteriaceae bacterium* | 99.9 | 0.1 | 4.81E+05 | 0.44 | 26 | 45.1 | 5.16 |
| LC.10.F.D3\_173\_28 | SAMN39639607 | [JBDVKQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKQ000000000.1/) | *Cyclobacteriaceae bacterium* | 99.9 | 0.1 | 2.87E+05 | 0.44 | 33 | 346.6 | 5.17 |
| LC.127.F.D4\_180\_7 | SAMN39639658 | [JBDVMP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMP000000000.1/) | *Cyclobacteriaceae bacterium* | 98.0 | 2.3 | 7.02E+04 | 0.44 | 147 | 5.8 | 5.46 |
| LC.04.F.D4\_227\_41 | SAMN39639813 | [JBDVSO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSO000000000.1/) | *Cyclobacteriaceae bacterium* | 100.0 | 0.8 | 3.58E+04 | 0.44 | 232 | 10.2 | 5.13 |
| LC.103.F.C4\_504\_53 | SAMN39640579 | [JBDWWA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWA000000000.1/) | *Cyclobacteriaceae bacterium* | 99.9 | 0.1 | 3.83E+05 | 0.44 | 32 | 49.9 | 5.15 |
| CB.01.F.D3\_159\_012 | SAMN39639543 | [JBDVIE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIE000000000.1/) | *Vibrio splendidus* | 100.0 | 0.7 | 4.02E+05 | 0.44 | 86 | 4.4 | 5.56 |
| CB.01.F.D3\_159\_009 | SAMN39639541 | [JBDVIC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIC000000000.1/) | *Balneola sp.* | 98.4 | 1.9 | 8.13E+05 | 0.44 | 50 | 2.8 | 3.09 |
| CB.01.F.D3\_159\_43 | SAMN39639531 | [JBDVHS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHS000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 6.22E+05 | 0.44 | 6 | 119.1 | 2.92 |
| AQ.03.F.D1\_10\_007 | SAMN39639217 | [JBDUVQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVQ000000000.1/) | *Marinomonas sp.* | 100.0 | 0.5 | 1.36E+06 | 0.44 | 51 | 8.0 | 2.94 |
| CB.34.F.B4\_102\_82 | SAMN39639226 | [JBDUVZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVZ000000000.1/) | *Marinomonas sp.* | 100.0 | 0.2 | 1.14E+06 | 0.44 | 8 | 114.1 | 2.89 |
| CB.69.F.B4\_103\_44 | SAMN39639230 | [JBDUWD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWD000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 8 | 240.9 | 2.90 |
| CI.40.M.A6\_104\_50 | SAMN39639238 | [JBDUWL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWL000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 7.22E+05 | 0.44 | 9 | 44.5 | 2.88 |
| CI.27.F.A2\_106\_19 | SAMN39639251 | [JBDUWY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWY000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 10 | 262.8 | 2.90 |
| CB.41.F.D1\_109\_65 | SAMN39639264 | [JBDUXL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXL000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 7 | 91.6 | 2.89 |
| CB.66.F.B1\_115\_31 | SAMN39639280 | [JBDUYB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYB000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 166.7 | 2.90 |
| CB.61.F.B1\_116\_011 | SAMN39639304 | [JBDUYZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYZ000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.35E+06 | 0.44 | 18 | 2.5 | 2.88 |
| CB.43.F.B2\_119\_34 | SAMN39639311 | [JBDUZG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZG000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 8 | 45.9 | 2.89 |
| CB.10.F.C1\_120\_45 | SAMN39639342 | [JBDVAL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAL000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 10 | 156.5 | 2.91 |
| CB.07.M.B5\_121\_19 | SAMN39639349 | [JBDVAS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAS000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 66.7 | 2.93 |
| CB.31.M.D5\_123\_13 | SAMN39639355 | [JBDVAY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAY000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 66.0 | 2.90 |
| CB.04.M.C5\_124\_2 | SAMN39639362 | [JBDVBF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBF000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 8 | 368.8 | 2.89 |
| CB.42.M.D5\_127\_92 | SAMN39639383 | [JBDVCA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCA000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 421.4 | 2.90 |
| CB.35.M.A6\_128\_77 | SAMN39639392 | [JBDVCJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCJ000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 6.31E+05 | 0.44 | 11 | 620.3 | 2.95 |
| CB.49.M.B5\_130\_114 | SAMN39639397 | [JBDVCO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCO000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.15E+06 | 0.44 | 10 | 153.2 | 2.97 |
| CB.51.F.C3\_134\_61 | SAMN39639415 | [JBDVDG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDG000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 6.87E+05 | 0.44 | 16 | 15.9 | 2.87 |
| CB.54.F.C2\_137\_31 | SAMN39639422 | [JBDVDN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDN000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 341.4 | 2.90 |
| CB.02.M.C5\_139\_004 | SAMN39639442 | [JBDVEH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEH000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 16 | 3.2 | 2.91 |
| AQ.59A.F.C1\_14\_35 | SAMN39639448 | [JBDVEN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEN000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 3.79E+05 | 0.44 | 16 | 44.9 | 2.88 |
| CB.37.F.D4\_140\_105 | SAMN39639454 | [JBDVET000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVET000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.20E+06 | 0.44 | 7 | 39.8 | 2.87 |
| LC.102.F.A1\_144\_42 | SAMN39639473 | [JBDVFM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFM000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 102.2 | 2.90 |
| CB.64.M.A6\_145\_50 | SAMN39639485 | [JBDVFY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFY000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 7 | 152.1 | 2.87 |
| AQ.64.F.B3\_146\_44 | SAMN39639494 | [JBDVGH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGH000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 8 | 117.2 | 2.90 |
| CB.04.F.A3\_155\_42 | SAMN39639501 | [JBDVGO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGO000000000.1/) | *Marinomonas sp.* | 100.0 | 0.6 | 5.93E+04 | 0.44 | 86 | 10.1 | 2.85 |
| CB.48.F.D1\_157\_1 | SAMN39639509 | [JBDVGW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGW000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 4.86E+05 | 0.45 | 17 | 22.0 | 3.39 |
| CB.48.F.D1\_157\_13 | SAMN39639511 | [JBDVGY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGY000000000.1/) | *Marinomonas sp.* | 100.0 | 0.2 | 1.36E+06 | 0.44 | 13 | 175.7 | 3.10 |
| CB.75.F.D4\_158\_013 | SAMN39639528 | [JBDVHP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHP000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 10 | 72.7 | 2.90 |
| CB.01.F.D3\_159\_17 | SAMN39639529 | [JBDVHQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHQ000000000.1/) | *Marinomonas sp.* | 100.0 | 0.7 | 1.20E+06 | 0.44 | 10 | 666.5 | 2.92 |
| AQ.02.F.B2\_16\_32 | SAMN39639546 | [JBDVIH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIH000000000.1/) | *Marinomonas sp.* | 95.4 | 1.4 | 1.05E+04 | 0.44 | 376 | 6.5 | 2.86 |
| AQ.28.F.A5\_164\_008 | SAMN39639561 | [JBDVIW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIW000000000.1/) | *Marinomonas sp.* | 100.0 | 1.1 | 1.36E+06 | 0.44 | 87 | 3.6 | 3.01 |
| LC.106.F.A4\_166\_50 | SAMN39639571 | [JBDVJG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJG000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 10 | 27.9 | 2.90 |
| AQ.62.F.A5\_17\_38 | SAMN39639586 | [JBDVJV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJV000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.45 | 9 | 85.6 | 2.90 |
| LC.119.F.D4\_174\_87 | SAMN39639631 | [JBDVLO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLO000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 10 | 52.0 | 2.90 |
| CB.49.F.A1\_179\_79 | SAMN39639651 | [JBDVMI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMI000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 8 | 52.0 | 2.90 |
| LC.127.F.D4\_180\_26 | SAMN39639655 | [JBDVMM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMM000000000.1/) | *Marinomonas sp.* | 91.9 | 1.4 | 8.37E+03 | 0.44 | 440 | 8.9 | 2.68 |
| LC.109.F.C4\_184\_37 | SAMN39639666 | [JBDVMX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMX000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.14E+06 | 0.44 | 10 | 53.6 | 2.90 |
| LC.100.F.D2\_188\_8 | SAMN39639684 | [JBDVNP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNP000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 5.63E+05 | 0.44 | 23 | 18.6 | 2.90 |
| CB.66.M.B5\_19\_36 | SAMN39639691 | [JBDVNW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNW000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 10 | 608.0 | 2.94 |
| AQ.07.F.C5\_194\_017 | SAMN39639705 | [JBDVOK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOK000000000.1/) | *Marinomonas sp.* | 100.0 | 0.6 | 1.36E+06 | 0.45 | 47 | 4.0 | 2.95 |
| LC.101.F.A3\_199\_014 | SAMN39639719 | [JBDVOY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOY000000000.1/) | *Marinomonas sp.* | 100.0 | 0.3 | 1.36E+06 | 0.44 | 72 | 3.7 | 2.99 |
| AQ.20.F.C2\_2\_008 | SAMN39639725 | [JBDVPE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPE000000000.1/) | *Marinomonas sp.* | 100.0 | 5.2 | 1.00E+06 | 0.44 | 32 | 4.3 | 3.28 |
| AQ.07.M.A6\_20\_80 | SAMN39639734 | [JBDVPN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPN000000000.1/) | *Marinomonas sp.* | 97.9 | 1.1 | 1.65E+04 | 0.44 | 256 | 7.8 | 2.81 |
| LC.06.F.A3\_204\_30 | SAMN39639743 | [JBDVPW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPW000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 157.1 | 2.94 |
| CB.60.F.D1\_21\_18 | SAMN39639750 | [JBDVQD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQD000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 17 | 44.5 | 3.02 |
| LC.09.F.B3\_212\_39 | SAMN39639761 | [JBDVQO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQO000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 8.49E+05 | 0.44 | 9 | 11.5 | 2.95 |
| AQ.05.M.B6\_22\_120 | SAMN39639781 | [JBDVRI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRI000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 158.8 | 2.90 |
| LC.122.F.D4\_220\_49 | SAMN39639791 | [JBDVRS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRS000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 7 | 77.8 | 2.88 |
| CB.59.M.B5\_223\_002 | SAMN39639807 | [JBDVSI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSI000000000.1/) | *Marinomonas sp.* | 100.0 | 1.6 | 1.36E+06 | 0.44 | 71 | 3.2 | 2.98 |
| LC.04.F.D4\_227\_008 | SAMN39639819 | [JBDVSU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSU000000000.1/) | *Marinomonas sp.* | 100.0 | 0.2 | 1.36E+06 | 0.44 | 42 | 5.1 | 2.95 |
| LC.05.F.A2\_232\_102 | SAMN39639833 | [JBDVTI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTI000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 8 | 110.4 | 2.89 |
| CB.57.F.B3\_234\_42 | SAMN39639849 | [JBDVTY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTY000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 8 | 1156.5 | 2.89 |
| LC.99.F.B1\_235\_57 | SAMN39639860 | [JBDVUJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUJ000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 10 | 37.8 | 2.90 |
| AQ.39.F.D5\_24\_1 | SAMN39639861 | [JBDVUK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUK000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 10 | 89.6 | 2.90 |
| AQ.23.F.D2\_25\_77 | SAMN39639875 | [JBDVUY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUY000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 7 | 102.5 | 2.84 |
| LC.172.F.D2\_251\_19 | SAMN39639879 | [JBDVVC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVC000000000.1/) | *Marinomonas sp.* | 92.9 | 0.7 | 1.28E+04 | 0.44 | 309 | 8.0 | 2.75 |
| LC.123.F.D2\_252\_66 | SAMN39639892 | [JBDVVP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVP000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 8 | 26.9 | 2.90 |
| LC.03.F.B2\_259\_3 | SAMN39639899 | [JBDVVW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVW000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 54.3 | 2.90 |
| AQ.40.F.A1\_26\_51 | SAMN39639913 | [JBDVWK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWK000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 117.6 | 2.90 |
| AQ.22.F.C3\_27\_100 | SAMN39639919 | [JBDVWQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWQ000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 7 | 4.8 | 2.88 |
| CI.04.F.C2\_28\_83 | SAMN39639933 | [JBDVXE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXE000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 6.4 | 2.90 |
| LC.105.F.D3\_287\_21 | SAMN39639937 | [JBDVXI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXI000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 492.2 | 2.90 |
| AQ.08.F.D1\_29\_78 | SAMN39639951 | [JBDVXW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXW000000000.1/) | *Marinomonas sp.* | 100.0 | 1.3 | 1.36E+06 | 0.46 | 8 | 80.9 | 2.93 |
| LC.173.F.D1\_294\_49 | SAMN39639961 | [JBDVYG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYG000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 9.97E+05 | 0.44 | 9 | 117.4 | 2.89 |
| AQ.25.F.B6\_3\_004 | SAMN39639979 | [JBDVYY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYY000000000.1/) | *Marinomonas sp.* | 100.0 | 0.7 | 1.02E+06 | 0.44 | 19 | 3.5 | 2.94 |
| AQ.36.F.B5\_30\_62 | SAMN39639987 | [JBDVZG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZG000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 8 | 35.2 | 2.89 |
| LC.07.F.D4\_302\_41 | SAMN39639995 | [JBDVZO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZO000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 4.34E+05 | 0.44 | 18 | 15.8 | 2.92 |
| AQ.29.F.C3\_31\_13 | SAMN39640000 | [JBDVZT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZT000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 8 | 40.1 | 2.90 |
| CI.05.F.A1\_32\_54 | SAMN39640015 | [JBDWAI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAI000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 8 | 315.4 | 2.90 |
| AQ.31.F.A4\_36\_009 | SAMN39640064 | [JBDWCF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCF000000000.1/) | *Marinomonas sp.* | 100.0 | 0.1 | 1.36E+06 | 0.44 | 20 | 756.0 | 2.90 |
| CI.60.F.C2\_37\_5 | SAMN39640073 | [JBDWCO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCO000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 8 | 314.8 | 2.90 |
| AQ.09.F.A3\_38\_21 | SAMN39640101 | [JBDWDQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDQ000000000.1/) | *Marinomonas sp.* | 99.7 | 0.7 | 7.05E+05 | 0.44 | 11 | 27.1 | 3.02 |
| AQ.61.F.B5\_39\_005 | SAMN39640118 | [JBDWEH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEH000000000.1/) | *Marinomonas sp.* | 100.0 | 4.6 | 1.13E+06 | 0.44 | 115 | 4.5 | 3.06 |
| AQ.24.F.C5\_40\_84 | SAMN39640135 | [JBDWEY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEY000000000.1/) | *Marinomonas sp.* | 99.3 | 0.5 | 2.00E+04 | 0.44 | 203 | 8.1 | 2.76 |
| AQ.10.F.B2\_41\_011 | SAMN39640150 | [JBDWFN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFN000000000.1/) | *Marinomonas sp.* | 100.0 | 0.2 | 1.36E+06 | 0.44 | 45 | 2.6 | 2.92 |
| AQ.06.F.A6\_42\_008 | SAMN39640185 | [JBDWGW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGW000000000.1/) | *Marinomonas sp.* | 100.0 | 0.5 | 1.36E+06 | 0.44 | 48 | 6.0 | 2.96 |
| AQ.25.M.D1\_44\_58 | SAMN39640292 | [JBDWKZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKZ000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 10 | 5.0 | 2.94 |
| AQ.35.F.B2\_46\_47 | SAMN39640388 | [JBDWOR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOR000000000.1/) | *Marinomonas sp.* | 100.0 | 0.6 | 1.01E+06 | 0.44 | 11 | 346.8 | 2.95 |
| AQ.60.F.B1\_47\_58 | SAMN39640430 | [JBDWQH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQH000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.14E+06 | 0.44 | 11 | 559.2 | 2.94 |
| AQ.13.M.D6\_48\_132 | SAMN39640467 | [JBDWRS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRS000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 8 | 49.1 | 2.89 |
| AQ.13.F.D5\_49\_91 | SAMN39640512 | [JBDWTL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTL000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 8 | 46.3 | 2.89 |
| AQ.37.F.C6\_499\_009 | SAMN39640546 | [JBDWUT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUT000000000.1/) | *Marinomonas sp.* | 100.0 | 5.7 | 1.41E+06 | 0.44 | 46 | 2.6 | 3.25 |
| AQ.15.M.B6\_50\_011 | SAMN39640560 | [JBDWVH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVH000000000.1/) | *Marinomonas sp.* | 100.0 | 2.6 | 1.36E+06 | 0.44 | 77 | 14.7 | 3.03 |
| CI.40.F.D2\_503\_63 | SAMN39640574 | [JBDWVV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVV000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 8 | 25.3 | 2.90 |
| CB.67.F.C4\_506\_005 | SAMN39640594 | [JBDWWP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWP000000000.1/) | *Marinomonas sp.* | 100.0 | 2.4 | 1.01E+06 | 0.44 | 65 | 2.9 | 3.01 |
| LC.02.F.D2\_507\_006 | SAMN39640599 | [JBDWWU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWU000000000.1/) | *Marinomonas sp.* | 100.0 | 1.0 | 9.82E+05 | 0.44 | 42 | 3.1 | 2.92 |
| CB.74.F.B4\_51\_15 | SAMN39640601 | [JBDWWW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWW000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 6.7 | 2.94 |
| CI.46.F.A4\_53\_003 | SAMN39640686 | [JBDXAD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAD000000000.1/) | *Marinomonas sp.* | 100.0 | 0.3 | 1.36E+06 | 0.44 | 23 | 5.9 | 2.93 |
| CB.53.M.C5\_54\_108 | SAMN39640698 | [JBDXAP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAP000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.14E+06 | 0.44 | 10 | 370.1 | 2.91 |
| CB.47.M.B5\_56\_53 | SAMN39640731 | [JBDXBW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBW000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 10 | 328.6 | 2.94 |
| CB.62.F.B1\_58\_007 | SAMN39640771 | [JBDXDK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDK000000000.1/) | *Marinomonas sp.* | 100.0 | 5.1 | 1.36E+06 | 0.44 | 157 | 4.5 | 3.13 |
| AQ.12.M.C3\_6\_111 | SAMN39640774 | [JBDXDN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDN000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 11 | 8.4 | 2.95 |
| CB.52.F.A2\_60\_18 | SAMN39640784 | [JBDXDX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDX000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 540.1 | 2.90 |
| CB.03.F.D2\_62\_27 | SAMN39640792 | [JBDXEF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEF000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 169.9 | 2.90 |
| CI.07.F.B5\_63\_3 | SAMN39640800 | [JBDXEN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEN000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 10 | 181.0 | 2.92 |
| AQ.21.M.B6\_64\_24 | SAMN39640803 | [JBDXEQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEQ000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 10 | 707.6 | 2.94 |
| CI.34.F.D1\_65\_8 | SAMN39640812 | [JBDXEZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEZ000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.14E+06 | 0.44 | 10 | 148.4 | 2.90 |
| CI.28.F.A3\_66\_42 | SAMN39640820 | [JBDXFH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFH000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.16E+06 | 0.44 | 10 | 59.7 | 2.90 |
| CI.52.M.B5\_68\_45 | SAMN39640825 | [JBDXFM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFM000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 10 | 231.7 | 2.90 |
| CB.70.F.D3\_69\_3 | SAMN39640827 | [JBDXFO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFO000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 2.97E+05 | 0.44 | 25 | 19.7 | 2.92 |
| AQ.08.M.C5\_70\_32 | SAMN39640844 | [JBDXGF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGF000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 9 | 112.1 | 2.90 |
| CI.52.F.A3\_71\_13 | SAMN39640848 | [JBDXGJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGJ000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 7.97E+05 | 0.44 | 14 | 5.1 | 2.91 |
| CI.39.F.B3\_74\_4 | SAMN39640853 | [JBDXGO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGO000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 9.87E+04 | 0.44 | 54 | 11.3 | 2.89 |
| CB.55.F.D4\_76\_005 | SAMN39640870 | [JBDXHF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHF000000000.1/) | *Marinomonas sp.* | 100.0 | 3.2 | 1.02E+06 | 0.44 | 72 | 3.2 | 3.06 |
| CI.32.F.A1\_77\_005 | SAMN39640877 | [JBDXHM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHM000000000.1/) | *Marinomonas sp.* | 100.0 | 5.6 | 1.36E+06 | 0.44 | 157 | 4.5 | 3.13 |
| AQ.40.F.B6\_8\_7 | SAMN39640883 | [JBDXHS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHS000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.25E+06 | 0.44 | 10 | 5.3 | 2.94 |
| AQ.18.F.C1\_83\_001 | SAMN39640907 | [JBDXIQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIQ000000000.1/) | *Marinomonas sp.* | 100.0 | 2.4 | 1.36E+06 | 0.44 | 66 | 91.9 | 2.96 |
| CB.68.F.D4\_84\_23 | SAMN39640911 | [JBDXIU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIU000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.44 | 10 | 197.2 | 2.91 |
| CI.56.F.D2\_86\_33 | SAMN39640920 | [JBDXJD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJD000000000.1/) | *Marinomonas sp.* | 100.0 | 0.1 | 1.18E+06 | 0.58 | 12 | 125.5 | 2.91 |
| AQ.32.F.A2\_91\_37 | SAMN39640946 | [JBDXKD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKD000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.58 | 9 | 59.1 | 2.88 |
| AQ.12.F.C3\_92\_64 | SAMN39640963 | [JBDXKU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKU000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.37 | 8 | 59.1 | 2.89 |
| CI.03.F.D4\_94\_004 | SAMN39640968 | [JBDXKZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKZ000000000.1/) | *Marinomonas sp.* | 95.1 | 0.3 | 1.29E+06 | 0.37 | 46 | 3.7 | 2.57 |
| CB.34.M.B6\_95\_53 | SAMN39640974 | [JBDXLF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLF000000000.1/) | *Marinomonas sp.* | 100.0 | 0.0 | 1.36E+06 | 0.37 | 11 | 469.3 | 2.92 |
| CI.54.F.A1\_99\_18 | SAMN39640995 | [JBDXMA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXMA000000000.1/) | *Marinomonas sp.* | 100.0 | 2.3 | 8.09E+04 | 0.38 | 61 | 11.1 | 2.84 |
| AQ.64.F.B3\_146\_5 | SAMN39639495 | [JBDVGI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGI000000000.1/) | *Litorimonas sp.* | 98.0 | 2.5 | 1.19E+04 | 0.38 | 336 | 11.0 | 2.72 |
| LC.102.F.A1\_144\_48 | SAMN39639474 | [JBDVFN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFN000000000.1/) | *Tateyamaria sp.* | 96.9 | 0.0 | 3.39E+05 | 0.38 | 22 | 151.9 | 3.97 |
| CB.64.M.A6\_145\_38 | SAMN39639483 | [JBDVFW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFW000000000.1/) | *Tateyamaria sp.* | 92.3 | 0.0 | 4.19E+05 | 0.38 | 18 | 54.2 | 3.91 |
| AQ.64.F.B3\_146\_13 | SAMN39639488 | [JBDVGB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGB000000000.1/) | *Tateyamaria sp.* | 93.5 | 0.0 | 7.16E+04 | 0.39 | 93 | 15.8 | 4.00 |
| LC.106.F.A4\_166\_62 | SAMN39639573 | [JBDVJI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJI000000000.1/) | *Tateyamaria sp.* | 93.3 | 1.2 | 2.75E+05 | 0.38 | 26 | 108.1 | 4.10 |
| LC.119.F.D4\_174\_38 | SAMN39639619 | [JBDVLC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLC000000000.1/) | *Tateyamaria sp.* | 96.2 | 0.0 | 3.39E+05 | 0.38 | 40 | 18.6 | 4.05 |
| CB.49.F.A1\_179\_75 | SAMN39639650 | [JBDVMH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMH000000000.1/) | *Tateyamaria sp.* | 92.5 | 0.0 | 3.39E+05 | 0.38 | 19 | 36.6 | 3.90 |
| LC.101.F.A3\_199\_011 | SAMN39639718 | [JBDVOX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOX000000000.1/) | *Tateyamaria sp.* | 98.7 | 5.1 | 3.47E+05 | 0.38 | 281 | 2.4 | 4.49 |
| CB.59.M.B5\_223\_92 | SAMN39639806 | [JBDVSH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSH000000000.1/) | *Tateyamaria sp.* | 98.4 | 0.0 | 4.03E+05 | 0.38 | 21 | 37.5 | 3.91 |
| LC.03.F.B2\_259\_25 | SAMN39639898 | [JBDVVV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVV000000000.1/) | *Tateyamaria sp.* | 91.7 | 0.2 | 3.78E+04 | 0.38 | 157 | 13.6 | 3.80 |
| CI.05.F.A1\_32\_35 | SAMN39640013 | [JBDWAG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAG000000000.1/) | *Tateyamaria sp.* | 99.1 | 0.0 | 3.96E+05 | 0.38 | 20 | 49.8 | 3.88 |
| CI.01.F.A4\_420\_0 | SAMN39640186 | [JBDWGX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGX000000000.1/) | *Tateyamaria sp.* | 99.6 | 1.0 | 3.39E+05 | 0.38 | 42 | 27.8 | 4.41 |
| LC.100.F.B2\_422\_75 | SAMN39640221 | [JBDWIG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIG000000000.1/) | *Tateyamaria sp.* | 99.4 | 0.7 | 3.39E+05 | 0.32 | 21 | 278.3 | 3.96 |
| CI.48.F.B2\_423\_51 | SAMN39640231 | [JBDWIQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIQ000000000.1/) | *Tateyamaria sp.* | 97.2 | 0.0 | 3.36E+05 | 0.39 | 24 | 45.3 | 3.98 |
| CI.31.F.D2\_424\_26 | SAMN39640236 | [JBDWIV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIV000000000.1/) | *Tateyamaria sp.* | 93.7 | 0.0 | 3.39E+05 | 0.39 | 19 | 65.3 | 3.88 |
| CI.53.F.D4\_428\_79 | SAMN39640275 | [JBDWKI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKI000000000.1/) | *Tateyamaria sp.* | 98.0 | 0.0 | 3.39E+05 | 0.57 | 20 | 49.6 | 3.92 |
| CI.22.F.D2\_448\_20 | SAMN39640317 | [JBDWLY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLY000000000.1/) | *Tateyamaria sp.* | 94.2 | 0.1 | 9.47E+04 | 0.57 | 63 | 11.5 | 3.76 |
| CI.12.F.B2\_456\_86 | SAMN39640373 | [JBDWOC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOC000000000.1/) | *Tateyamaria sp.* | 92.9 | 0.1 | 2.85E+05 | 0.57 | 21 | 176.8 | 3.84 |
| CI.11.F.A3\_462\_10 | SAMN39640402 | [JBDWPF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPF000000000.1/) | *Tateyamaria sp.* | 98.2 | 0.0 | 1.24E+05 | 0.57 | 66 | 22.8 | 4.10 |
| CI.47.F.D1\_481\_57 | SAMN39640482 | [JBDWSH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSH000000000.1/) | *Tateyamaria sp.* | 92.0 | 0.0 | 2.88E+05 | 0.57 | 23 | 41.5 | 3.83 |
| CB.67.F.C4\_506\_3 | SAMN39640588 | [JBDWWJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWJ000000000.1/) | *Tateyamaria sp.* | 99.3 | 0.0 | 2.43E+05 | 0.57 | 26 | 49.4 | 3.97 |
| CI.32.F.D1\_540\_51 | SAMN39640710 | [JBDXBB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBB000000000.1/) | *Tateyamaria sp.* | 94.0 | 0.1 | 4.10E+04 | 0.57 | 127 | 9.2 | 3.73 |
| LC.102.F.A1\_144\_2 | SAMN39639469 | [JBDVFI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFI000000000.1/) | *Sedimentitalea sp.* | 100.0 | 0.6 | 1.50E+05 | 0.57 | 106 | 41.1 | 5.65 |
| LC.119.F.D4\_174\_12 | SAMN39639616 | [JBDVKZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKZ000000000.1/) | *Sedimentitalea sp.* | 100.0 | 3.1 | 1.50E+05 | 0.57 | 107 | 67.4 | 5.72 |
| CI.31.F.D2\_424\_47 | SAMN39640239 | [JBDWIY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIY000000000.1/) | *Sedimentitalea sp.* | 100.0 | 2.7 | 8.51E+04 | 0.57 | 216 | 346.3 | 6.02 |
| CI.26.M.D5\_445\_14 | SAMN39640310 | [JBDWLR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLR000000000.1/) | *Sedimentitalea sp.* | 100.0 | 1.7 | 1.50E+05 | 0.57 | 107 | 41.2 | 6.03 |
| CB.59.F.A3\_113\_27 | SAMN39639271 | [JBDUXS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXS000000000.1/) | *Aurantimonas coralicida* | 100.0 | 4.1 | 5.15E+03 | 0.57 | 972 | 5.8 | 3.76 |
| CB.37.F.D4\_140\_8 | SAMN39639465 | [JBDVFE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFE000000000.1/) | *Aurantimonas coralicida* | 95.0 | 2.3 | 8.74E+03 | 0.57 | 660 | 9.6 | 4.20 |
| CB.37.F.D4\_140\_35 | SAMN39639461 | [JBDVFA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFA000000000.1/) | *Aurantibacter sp.* | 99.7 | 1.1 | 8.23E+04 | 0.57 | 107 | 9.5 | 4.51 |
| CB.69.F.B4\_103\_39 | SAMN39639229 | [JBDUWC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWC000000000.1/) | *Tateyamaria sp.* | 99.9 | 0.2 | 1.71E+05 | 0.57 | 61 | 4.4 | 4.56 |
| CI.27.F.A2\_106\_42 | SAMN39639254 | [JBDUXB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXB000000000.1/) | *Tateyamaria sp.* | 100.0 | 2.7 | 1.71E+05 | 0.57 | 65 | 183.1 | 4.59 |
| CB.07.M.B5\_121\_9 | SAMN39639354 | [JBDVAX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAX000000000.1/) | *Tateyamaria sp.* | 99.9 | 0.2 | 1.61E+05 | 0.57 | 69 | 27.8 | 4.58 |
| CB.04.M.C5\_124\_23 | SAMN39639363 | [JBDVBG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBG000000000.1/) | *Tateyamaria sp.* | 100.0 | 1.4 | 1.61E+05 | 0.57 | 65 | 177.3 | 4.58 |
| CB.35.M.A6\_128\_29 | SAMN39639384 | [JBDVCB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCB000000000.1/) | *Tateyamaria sp.* | 100.0 | 1.8 | 1.49E+05 | 0.57 | 108 | 25.1 | 5.37 |
| CB.49.M.B5\_130\_7 | SAMN39639406 | [JBDVCX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCX000000000.1/) | *Tateyamaria sp.* | 99.9 | 0.2 | 1.71E+05 | 0.57 | 64 | 85.6 | 4.57 |
| CB.02.M.C5\_139\_83 | SAMN39639439 | [JBDVEE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEE000000000.1/) | *Tateyamaria sp.* | 99.9 | 0.9 | 1.71E+05 | 0.57 | 63 | 37.2 | 4.56 |
| CB.75.F.D4\_158\_60 | SAMN39639525 | [JBDVHM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHM000000000.1/) | *Tateyamaria sp.* | 99.9 | 0.2 | 1.71E+05 | 0.57 | 60 | 52.9 | 4.56 |
| CB.60.F.D1\_21\_011 | SAMN39639756 | [JBDVQJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQJ000000000.1/) | *Tateyamaria sp.* | 93.2 | 3.9 | 1.60E+05 | 0.57 | 274 | 4.3 | 4.23 |
| LC.105.F.D3\_287\_19 | SAMN39639936 | [JBDVXH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXH000000000.1/) | *Tateyamaria sp.* | 100.0 | 1.9 | 1.47E+05 | 0.57 | 71 | 77.0 | 4.64 |
| AQ.10.F.B2\_41\_17 | SAMN39640139 | [JBDWFC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFC000000000.1/) | *Tateyamaria sp.* | 99.9 | 0.6 | 1.60E+05 | 0.57 | 61 | 312.4 | 4.65 |
| CI.40.F.D2\_503\_30 | SAMN39640569 | [JBDWVQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVQ000000000.1/) | *Tateyamaria sp.* | 100.0 | 2.0 | 1.60E+05 | 0.57 | 79 | 12.0 | 4.92 |
| CI.39.F.B3\_74\_2 | SAMN39640852 | [JBDXGN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGN000000000.1/) | *Tateyamaria sp.* | 99.9 | 0.2 | 1.71E+05 | 0.57 | 60 | 5.8 | 4.57 |
| CI.14.F.D1\_90\_10 | SAMN39640934 | [JBDXJR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJR000000000.1/) | *Tateyamaria sp.* | 92.7 | 0.5 | 1.54E+05 | 0.57 | 66 | 51.6 | 4.31 |
| CB.34.M.B6\_95\_60 | SAMN39640975 | [JBDXLG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLG000000000.1/) | *Tateyamaria sp.* | 99.5 | 3.2 | 1.70E+05 | 0.57 | 64 | 190.0 | 4.67 |
| CB.65.F.C3\_98\_38 | SAMN39640991 | [JBDXLW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLW000000000.1/) | *Tateyamaria sp.* | 99.9 | 0.2 | 1.64E+05 | 0.57 | 70 | 57.7 | 4.65 |
| CB.61.F.B1\_116\_010 | SAMN39639303 | [JBDUYY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYY000000000.1/) | *Flavobacteriaceae bacterium* | 95.9 | 3.9 | 1.32E+04 | 0.57 | 109 | 4.8 | 5.63 |
| CB.02.M.C5\_139\_49 | SAMN39639436 | [JBDVEB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEB000000000.1/) | *Flavobacteriaceae bacterium* | 99.8 | 0.1 | 2.35E+05 | 0.57 | 42 | 40.0 | 4.18 |
| CB.01.F.D3\_159\_46 | SAMN39639532 | [JBDVHT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHT000000000.1/) | *Flavobacteriaceae bacterium* | 99.8 | 0.1 | 2.12E+05 | 0.57 | 42 | 146.0 | 4.18 |
| CI.02.F.B4\_417\_74 | SAMN39640169 | [JBDWGG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGG000000000.1/) | *Flavobacteriaceae bacterium* | 99.8 | 0.1 | 2.12E+05 | 0.57 | 44 | 16.2 | 4.17 |
| CI.01.F.A4\_420\_108 | SAMN39640189 | [JBDWHA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHA000000000.1/) | *Flavobacteriaceae bacterium* | 99.8 | 0.6 | 7.01E+04 | 0.57 | 109 | 9.2 | 4.14 |
| CI.59.F.A1\_421\_61 | SAMN39640210 | [JBDWHV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWHV000000000.1/) | *Flavobacteriaceae bacterium* | 99.8 | 0.1 | 1.50E+05 | 0.57 | 54 | 18.4 | 4.15 |
| LC.100.F.B2\_422\_115 | SAMN39640216 | [JBDWIB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIB000000000.1/) | *Flavobacteriaceae bacterium* | 99.8 | 0.1 | 2.12E+05 | 0.57 | 43 | 19.7 | 4.19 |
| CI.31.F.D2\_424\_46 | SAMN39640238 | [JBDWIX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIX000000000.1/) | *Flavobacteriaceae bacterium* | 96.2 | 1.0 | 3.55E+04 | 0.57 | 186 | 8.2 | 4.05 |
| CI.62.F.A4\_427\_87 | SAMN39640263 | [JBDWJW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWJW000000000.1/) | *Flavobacteriaceae bacterium* | 99.8 | 0.1 | 2.18E+05 | 0.57 | 38 | 31.1 | 4.15 |
| CI.53.F.D4\_428\_69 | SAMN39640273 | [JBDWKG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKG000000000.1/) | *Flavobacteriaceae bacterium* | 99.8 | 0.1 | 1.64E+05 | 0.57 | 47 | 14.5 | 4.18 |
| LC.107.M.D6\_472\_006 | SAMN39640442 | [JBDWQT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQT000000000.1/) | *Flavobacteriaceae bacterium* | 99.8 | 0.1 | 2.12E+05 | 0.57 | 59 | 14.4 | 4.16 |
| LC.02.F.A2\_479\_89 | SAMN39640463 | [JBDWRO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRO000000000.1/) | *Flavobacteriaceae bacterium* | 99.1 | 0.1 | 5.57E+04 | 0.57 | 124 | 9.9 | 4.03 |
| CI.47.F.D1\_481\_014 | SAMN39640490 | [JBDWSP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSP000000000.1/) | *Flavobacteriaceae bacterium* | 99.9 | 4.1 | 1.98E+05 | 0.57 | 204 | 3.5 | 4.36 |
| LC.104.M.D5\_486\_116 | SAMN39640493 | [JBDWSS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWSS000000000.1/) | *Flavobacteriaceae bacterium* | 99.9 | 0.7 | 6.49E+04 | 0.57 | 114 | 10.9 | 4.16 |
| LC.119.F.A4\_494\_47 | SAMN39640519 | [JBDWTS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTS000000000.1/) | *Flavobacteriaceae bacterium* | 99.8 | 0.1 | 1.90E+05 | 0.57 | 53 | 17.2 | 4.19 |
| LC.09.M.C6\_495\_009 | SAMN39640539 | [JBDWUM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUM000000000.1/) | *Flavobacteriaceae bacterium* | 99.8 | 0.3 | 2.12E+05 | 0.56 | 160 | 9.3 | 4.29 |
| LC.122.F.C4\_512\_82 | SAMN39640631 | [JBDWYA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYA000000000.1/) | *Flavobacteriaceae bacterium* | 92.0 | 0.7 | 1.95E+04 | 0.57 | 272 | 5.0 | 3.77 |
| CI.26.F.C1\_514\_83 | SAMN39640649 | [JBDWYS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYS000000000.1/) | *Flavobacteriaceae bacterium* | 99.8 | 0.1 | 2.12E+05 | 0.57 | 41 | 53.1 | 4.17 |
| LC.110.F.C1\_528\_9 | SAMN39640672 | [JBDWZP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZP000000000.1/) | *Flavobacteriaceae bacterium* | 92.6 | 0.2 | 1.55E+05 | 0.57 | 47 | 39.3 | 4.00 |
| AQ.12.F.C3\_92\_5 | SAMN39640959 | [JBDXKQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKQ000000000.1/) | *Flavobacteriaceae bacterium* | 98.9 | 0.0 | 4.36E+04 | 0.57 | 140 | 36.2 | 3.81 |
| CB.54.F.C2\_137\_011 | SAMN39639431 | [JBDVDW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDW000000000.1/) | *Reichenbachiella sp.* | 99.7 | 0.0 | 3.50E+05 | 0.57 | 84 | 4.7 | 4.86 |
| CB.66.F.B1\_115\_62 | SAMN39639291 | [JBDUYM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYM000000000.1/) | *Nonlabens sp.* | 93.4 | 1.8 | 4.50E+03 | 0.57 | 822 | 5.3 | 2.83 |
| CB.43.F.B2\_119\_16 | SAMN39639307 | [JBDUZC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZC000000000.1/) | *Nonlabens sp.* | 100.0 | 0.3 | 2.01E+05 | 0.57 | 24 | 36.1 | 3.17 |
| CB.54.F.C2\_137\_65 | SAMN39639425 | [JBDVDQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDQ000000000.1/) | *Nonlabens sp.* | 100.0 | 0.0 | 2.18E+05 | 0.57 | 24 | 54.0 | 3.17 |
| CI.60.F.C2\_37\_50 | SAMN39640074 | [JBDWCP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCP000000000.1/) | *Nonlabens sp.* | 93.7 | 0.1 | 1.99E+04 | 0.57 | 238 | 18.9 | 2.94 |
| CB.59.F.A3\_113\_21 | SAMN39639269 | [JBDUXQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXQ000000000.1/) | *Paraglaciecola sp.* | 100.0 | 0.6 | 6.36E+04 | 0.57 | 136 | 9.2 | 4.58 |
| CB.10.F.C1\_120\_16 | SAMN39639333 | [JBDVAC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAC000000000.1/) | *Paraglaciecola sp.* | 100.0 | 0.3 | 1.59E+05 | 0.57 | 49 | 15.0 | 4.59 |
| CB.42.M.D5\_127\_35 | SAMN39639373 | [JBDVBQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBQ000000000.1/) | *Paraglaciecola sp.* | 100.0 | 0.4 | 1.43E+05 | 0.57 | 56 | 12.2 | 4.56 |
| CB.54.F.C2\_137\_49 | SAMN39639423 | [JBDVDO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDO000000000.1/) | *Paraglaciecola sp.* | 100.0 | 0.4 | 2.44E+05 | 0.57 | 35 | 16.1 | 4.56 |
| CB.49.F.A1\_179\_10 | SAMN39639638 | [JBDVLV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLV000000000.1/) | *Paraglaciecola sp.* | 91.8 | 2.4 | 1.03E+04 | 0.57 | 577 | 7.5 | 4.37 |
| CB.57.F.B3\_234\_22 | SAMN39639845 | [JBDVTU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTU000000000.1/) | *Paraglaciecola sp.* | 98.9 | 1.2 | 1.66E+04 | 0.57 | 351 | 9.2 | 4.29 |
| LC.172.F.D2\_251\_004 | SAMN39639884 | [JBDVVH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVH000000000.1/) | *Paraglaciecola sp.* | 94.7 | 2.1 | 1.15E+04 | 0.57 | 575 | 6.5 | 4.28 |
| LC.173.F.D1\_294\_25 | SAMN39639955 | [JBDVYA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYA000000000.1/) | *Paraglaciecola sp.* | 100.0 | 0.8 | 4.30E+04 | 0.57 | 178 | 8.4 | 4.49 |
| LC.111.F.C3\_358\_76 | SAMN39640047 | [JBDWBO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBO000000000.1/) | *Paraglaciecola sp.* | 92.0 | 1.0 | 1.80E+04 | 0.57 | 341 | 10.2 | 4.33 |
| CB.03.F.D2\_62\_26 | SAMN39640791 | [JBDXEE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEE000000000.1/) | *Paraglaciecola sp.* | 91.6 | 1.4 | 2.99E+04 | 0.57 | 219 | 9.9 | 4.23 |
| CB.51.F.C3\_134\_58 | SAMN39639413 | [JBDVDE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDE000000000.1/) | *Hyphomonadaceae bacterium* | 100.0 | 4.7 | 4.74E+04 | 0.57 | 150 | 7.3 | 4.02 |
| AQ.03.F.D1\_10\_006 | SAMN39639216 | [JBDUVP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVP000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 1.1 | 3.75E+05 | 0.57 | 73 | 6.6 | 3.83 |
| CB.34.F.B4\_102\_0 | SAMN39639218 | [JBDUVR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVR000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.57 | 10 | 73.1 | 3.70 |
| CB.69.F.B4\_103\_3 | SAMN39639228 | [JBDUWB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWB000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.57 | 10 | 135.7 | 3.70 |
| CI.40.M.A6\_104\_52 | SAMN39639239 | [JBDUWM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWM000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 3.1 | 3.75E+05 | 0.57 | 14 | 133.5 | 3.82 |
| CB.73.F.B2\_105\_103 | SAMN39639242 | [JBDUWP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWP000000000.1/) | *Lentilitoribacter sp.* | 99.6 | 0.0 | 3.67E+05 | 0.57 | 11 | 311.5 | 3.65 |
| CI.27.F.A2\_106\_17 | SAMN39639250 | [JBDUWX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWX000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.57 | 10 | 104.2 | 3.70 |
| CB.41.F.D1\_109\_19 | SAMN39639261 | [JBDUXI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXI000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.75E+05 | 0.57 | 12 | 57.5 | 3.71 |
| CB.59.F.A3\_113\_10 | SAMN39639266 | [JBDUXN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXN000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.57 | 11 | 64.2 | 3.71 |
| CB.66.F.B1\_115\_43 | SAMN39639283 | [JBDUYE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYE000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.57 | 11 | 252.5 | 3.71 |
| CB.61.F.B1\_116\_004 | SAMN39639301 | [JBDUYW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYW000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.75E+05 | 0.57 | 36 | 183.9 | 3.73 |
| CB.43.F.B2\_119\_57 | SAMN39639316 | [JBDUZL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZL000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.57 | 11 | 670.7 | 3.71 |
| AQ.63.F.D4\_12\_44 | SAMN39639324 | [JBDUZT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZT000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.57 | 11 | 52.5 | 3.71 |
| CB.10.F.C1\_120\_48 | SAMN39639343 | [JBDVAM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAM000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.57 | 11 | 411.5 | 3.70 |
| CB.07.M.B5\_121\_50 | SAMN39639351 | [JBDVAU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAU000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.57 | 10 | 66.5 | 3.70 |
| CB.31.M.D5\_123\_60 | SAMN39639359 | [JBDVBC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBC000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.2 | 3.76E+05 | 0.57 | 12 | 78.8 | 3.75 |
| CB.04.M.C5\_124\_78 | SAMN39639369 | [JBDVBM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBM000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.9 | 3.76E+05 | 0.57 | 11 | 327.3 | 3.71 |
| CB.42.M.D5\_127\_24 | SAMN39639372 | [JBDVBP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBP000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.73E+05 | 0.57 | 11 | 602.0 | 3.71 |
| CB.35.M.A6\_128\_61 | SAMN39639389 | [JBDVCG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCG000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.57 | 10 | 128.4 | 3.70 |
| CB.49.M.B5\_130\_20 | SAMN39639399 | [JBDVCQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCQ000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 6.55E+05 | 0.57 | 9 | 216.4 | 3.71 |
| CB.51.F.C3\_134\_3 | SAMN39639409 | [JBDVDA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDA000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.74E+05 | 0.57 | 11 | 273.6 | 3.70 |
| CB.54.F.C2\_137\_005 | SAMN39639429 | [JBDVDU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDU000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 2.8 | 3.76E+05 | 0.53 | 107 | 2.7 | 3.84 |
| CB.02.M.C5\_139\_012 | SAMN39639443 | [JBDVEI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEI000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.2 | 3.75E+05 | 0.53 | 46 | 4.4 | 3.75 |
| AQ.59A.F.C1\_14\_14 | SAMN39639444 | [JBDVEJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEJ000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.7 | 3.67E+05 | 0.53 | 13 | 34.6 | 3.70 |
| CB.37.F.D4\_140\_33 | SAMN39639460 | [JBDVEZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEZ000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 354.1 | 3.70 |
| LC.102.F.A1\_144\_35 | SAMN39639471 | [JBDVFK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFK000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.38 | 10 | 164.0 | 3.70 |
| CB.64.M.A6\_145\_48 | SAMN39639484 | [JBDVFX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFX000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.4 | 3.67E+05 | 0.53 | 97 | 9.7 | 4.46 |
| AQ.64.F.B3\_146\_18 | SAMN39639489 | [JBDVGC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGC000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 53.7 | 3.70 |
| CB.04.F.A3\_155\_002 | SAMN39639507 | [JBDVGU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGU000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.2 | 3.76E+05 | 0.53 | 65 | 3.6 | 3.78 |
| CB.48.F.D1\_157\_4 | SAMN39639513 | [JBDVHA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHA000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.54 | 10 | 789.6 | 3.70 |
| CB.75.F.D4\_158\_005 | SAMN39639526 | [JBDVHN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHN000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.76E+05 | 0.53 | 52 | 51.3 | 3.77 |
| CB.01.F.D3\_159\_011 | SAMN39639542 | [JBDVID000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVID000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 2.1 | 3.75E+05 | 0.53 | 33 | 5.2 | 3.83 |
| AQ.02.F.B2\_16\_11 | SAMN39639544 | [JBDVIF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIF000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.8 | 2.61E+05 | 0.53 | 27 | 7.5 | 3.70 |
| AQ.30.F.B4\_160\_5 | SAMN39639551 | [JBDVIM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIM000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 157.3 | 3.70 |
| AQ.28.F.A5\_164\_12 | SAMN39639555 | [JBDVIQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIQ000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 194.1 | 3.70 |
| LC.106.F.A4\_166\_42 | SAMN39639568 | [JBDVJD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJD000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 462.4 | 3.70 |
| LC.117.F.A3\_168\_7 | SAMN39639580 | [JBDVJP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJP000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.54 | 10 | 73.3 | 3.70 |
| AQ.62.F.A5\_17\_1 | SAMN39639581 | [JBDVJQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJQ000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.54 | 10 | 87.6 | 3.70 |
| AQ.50.F.D1\_171\_80 | SAMN39639602 | [JBDVKL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKL000000000.1/) | *Lentilitoribacter sp.* | 96.2 | 0.0 | 3.67E+05 | 0.53 | 10 | 525.6 | 3.32 |
| LC.10.F.D3\_173\_45 | SAMN39639610 | [JBDVKT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKT000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 11 | 321.8 | 3.71 |
| LC.119.F.D4\_174\_65 | SAMN39639625 | [JBDVLI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLI000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 534.2 | 3.70 |
| LC.107.F.A2\_175\_12 | SAMN39639632 | [JBDVLP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLP000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 73.0 | 3.70 |
| CB.49.F.A1\_179\_006 | SAMN39639652 | [JBDVMJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMJ000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.1 | 3.76E+05 | 0.53 | 36 | 7.6 | 3.76 |
| LC.127.F.D4\_180\_44 | SAMN39639657 | [JBDVMO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMO000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 75.2 | 3.70 |
| LC.109.F.C4\_184\_006 | SAMN39639676 | [JBDVNH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNH000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.9 | 3.76E+05 | 0.53 | 43 | 425.2 | 3.78 |
| LC.100.F.D2\_188\_15 | SAMN39639678 | [JBDVNJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNJ000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 66.2 | 3.70 |
| CB.66.M.B5\_19\_68 | SAMN39639692 | [JBDVNX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNX000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.54 | 10 | 6.8 | 3.70 |
| AQ.07.F.C5\_194\_71 | SAMN39639700 | [JBDVOF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOF000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.1 | 3.76E+05 | 0.53 | 11 | 277.7 | 3.71 |
| LC.101.F.A3\_199\_006 | SAMN39639717 | [JBDVOW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOW000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.54 | 38 | 448.2 | 3.76 |
| AQ.20.F.C2\_2\_48 | SAMN39639721 | [JBDVPA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPA000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.54 | 11 | 43.7 | 3.71 |
| AQ.07.M.A6\_20\_64 | SAMN39639732 | [JBDVPL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPL000000000.1/) | *Lentilitoribacter sp.* | 99.5 | 0.0 | 3.75E+05 | 0.53 | 10 | 271.5 | 3.65 |
| LC.06.F.A3\_204\_103 | SAMN39639739 | [JBDVPS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPS000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 409.4 | 3.70 |
| CB.60.F.D1\_21\_75 | SAMN39639755 | [JBDVQI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQI000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 11 | 32.7 | 3.71 |
| LC.09.F.B3\_212\_89 | SAMN39639769 | [JBDVQW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQW000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 11 | 502.0 | 3.77 |
| LC.118.F.C4\_216\_7 | SAMN39639775 | [JBDVRC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRC000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 12 | 329.3 | 3.71 |
| AQ.05.M.B6\_22\_7 | SAMN39639785 | [JBDVRM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRM000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 92.0 | 3.70 |
| LC.122.F.D4\_220\_61 | SAMN39639795 | [JBDVRW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRW000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 199.4 | 3.68 |
| CB.59.M.B5\_223\_116 | SAMN39639799 | [JBDVSA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSA000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 12 | 313.5 | 3.72 |
| LC.04.F.D4\_227\_5 | SAMN39639814 | [JBDVSP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSP000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 671.5 | 3.70 |
| AQ.19.M.C2\_23\_007 | SAMN39639828 | [JBDVTD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTD000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 59 | 4.2 | 3.78 |
| LC.05.F.A2\_232\_12 | SAMN39639835 | [JBDVTK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTK000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.54 | 11 | 408.3 | 3.77 |
| CB.57.F.B3\_234\_19 | SAMN39639844 | [JBDVTT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTT000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 400.6 | 3.70 |
| LC.99.F.B1\_235\_34 | SAMN39639857 | [JBDVUG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUG000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 11 | 281.4 | 3.70 |
| AQ.39.F.D5\_24\_26 | SAMN39639863 | [JBDVUM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUM000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 76.3 | 3.70 |
| AQ.23.F.D2\_25\_88 | SAMN39639876 | [JBDVUZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUZ000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 11 | 70.4 | 3.70 |
| LC.172.F.D2\_251\_011 | SAMN39639885 | [JBDVVI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVI000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.1 | 3.75E+05 | 0.54 | 34 | 9.8 | 3.75 |
| LC.123.F.D2\_252\_30 | SAMN39639889 | [JBDVVM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVM000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 178.7 | 3.70 |
| LC.03.F.B2\_259\_002 | SAMN39639904 | [JBDVWB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWB000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.1 | 3.76E+05 | 0.53 | 52 | 3.1 | 3.78 |
| AQ.40.F.A1\_26\_8 | SAMN39639917 | [JBDVWO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWO000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.7 | 3.75E+05 | 0.53 | 10 | 152.6 | 3.76 |
| AQ.22.F.C3\_27\_87 | SAMN39639924 | [JBDVWV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWV000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 244.5 | 3.70 |
| CI.04.F.C2\_28\_69 | SAMN39639932 | [JBDVXD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXD000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 289.9 | 3.70 |
| LC.105.F.D3\_287\_48 | SAMN39639942 | [JBDVXN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXN000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 348.7 | 3.70 |
| AQ.08.F.D1\_29\_010 | SAMN39639954 | [JBDVXZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXZ000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 5.2 | 1.00E+06 | 0.54 | 66 | 10.1 | 3.28 |
| LC.173.F.D1\_294\_31 | SAMN39639958 | [JBDVYD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYD000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 351.4 | 3.70 |
| AQ.25.F.B6\_3\_55 | SAMN39639975 | [JBDVYU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYU000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 4.4 | 3.70 |
| AQ.36.F.B5\_30\_11 | SAMN39639981 | [JBDVZA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZA000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 149.0 | 3.70 |
| LC.07.F.D4\_302\_66 | SAMN39639998 | [JBDVZR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZR000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 100.2 | 3.70 |
| AQ.29.F.C3\_31\_15 | SAMN39640001 | [JBDVZU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZU000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 75.7 | 3.70 |
| CI.05.F.A1\_32\_45 | SAMN39640014 | [JBDWAH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAH000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 128.4 | 3.70 |
| AQ.33.F.A4\_34\_31 | SAMN39640030 | [JBDWAX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAX000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.54 | 10 | 4.1 | 3.70 |
| AQ.31.F.A4\_36\_24 | SAMN39640054 | [JBDWBV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBV000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 324.8 | 3.70 |
| CI.60.F.C2\_37\_42 | SAMN39640069 | [JBDWCK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCK000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 269.9 | 3.70 |
| AQ.09.F.A3\_38\_007 | SAMN39640110 | [JBDWDZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDZ000000000.1/) | *Lentilitoribacter sp.* | 98.2 | 0.2 | 3.76E+05 | 0.53 | 40 | 3.3 | 3.39 |
| AQ.61.F.B5\_39\_64 | SAMN39640117 | [JBDWEG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEG000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 5.4 | 3.70 |
| AQ.24.F.C5\_40\_012 | SAMN39640138 | [JBDWFB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFB000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.1 | 3.76E+05 | 0.53 | 27 | 8.6 | 3.78 |
| AQ.10.F.B2\_41\_009 | SAMN39640149 | [JBDWFM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFM000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.76E+05 | 0.54 | 39 | 4.9 | 3.78 |
| AQ.06.F.A6\_42\_006 | SAMN39640183 | [JBDWGU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGU000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 2.4 | 3.76E+05 | 0.53 | 129 | 4.1 | 3.91 |
| AQ.34.F.B6\_43\_003 | SAMN39640288 | [JBDWKV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKV000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 1.2 | 6.55E+05 | 0.53 | 47 | 4.0 | 3.84 |
| AQ.25.M.D1\_44\_45 | SAMN39640291 | [JBDWKY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKY000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.54 | 10 | 123.8 | 3.70 |
| CI.51.M.D6\_450\_82 | SAMN39640353 | [JBDWNI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNI000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 1.0 | 3.75E+05 | 0.53 | 11 | 144.4 | 3.73 |
| AQ.35.F.B2\_46\_76 | SAMN39640390 | [JBDWOT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOT000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.75E+05 | 0.53 | 12 | 162.6 | 3.70 |
| AQ.60.F.B1\_47\_80 | SAMN39640432 | [JBDWQJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQJ000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.74E+05 | 0.53 | 11 | 274.1 | 3.71 |
| AQ.13.M.D6\_48\_101 | SAMN39640464 | [JBDWRP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRP000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.73E+05 | 0.53 | 10 | 188.9 | 3.70 |
| AQ.13.F.D5\_49\_59 | SAMN39640508 | [JBDWTH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTH000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 232.1 | 3.70 |
| AQ.37.F.C6\_499\_001 | SAMN39640545 | [JBDWUS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUS000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.1 | 3.76E+05 | 0.53 | 56 | 7.2 | 3.81 |
| AQ.15.M.B6\_50\_010 | SAMN39640559 | [JBDWVG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVG000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.5 | 3.75E+05 | 0.53 | 53 | 3.5 | 3.79 |
| CI.40.F.D2\_503\_6 | SAMN39640572 | [JBDWVT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVT000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.54 | 10 | 71.7 | 3.70 |
| LC.103.F.C4\_504\_009 | SAMN39640585 | [JBDWWG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWG000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.75E+05 | 0.54 | 41 | 6.0 | 3.77 |
| CB.67.F.C4\_506\_30 | SAMN39640589 | [JBDWWK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWK000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.52E+05 | 0.53 | 18 | 31.0 | 3.69 |
| LC.02.F.D2\_507\_61 | SAMN39640596 | [JBDWWR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWR000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 113.0 | 3.70 |
| CB.74.F.B4\_51\_47 | SAMN39640606 | [JBDWXB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXB000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 8.0 | 3.71 |
| LC.122.F.C4\_512\_008 | SAMN39640635 | [JBDWYE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYE000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 1.5 | 3.75E+05 | 0.53 | 44 | 3.3 | 3.77 |
| AQ.26.F.B4\_52\_004 | SAMN39640658 | [JBDWZB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZB000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.75E+05 | 0.53 | 23 | 7.7 | 3.72 |
| LC.110.F.C1\_528\_95 | SAMN39640674 | [JBDWZR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZR000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.54 | 10 | 20.6 | 3.70 |
| CI.46.F.A4\_53\_51 | SAMN39640684 | [JBDXAB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAB000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 681.7 | 3.70 |
| CI.39.F.A3\_536\_25 | SAMN39640691 | [JBDXAI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAI000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 2.94E+05 | 0.53 | 32 | 17.3 | 3.67 |
| CB.53.M.C5\_54\_002 | SAMN39640703 | [JBDXAU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAU000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 1.9 | 3.76E+05 | 0.53 | 113 | 19.8 | 3.92 |
| CI.32.F.D1\_540\_9 | SAMN39640716 | [JBDXBH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBH000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.54 | 10 | 66.8 | 3.70 |
| CI.36.F.B4\_55\_3 | SAMN39640718 | [JBDXBJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBJ000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 11 | 115.8 | 3.71 |
| LC.123.F.A2\_558\_14 | SAMN39640720 | [JBDXBL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBL000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.1 | 3.67E+05 | 0.53 | 15 | 408.6 | 3.76 |
| CB.62.F.B1\_58\_3 | SAMN39640767 | [JBDXDG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDG000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.75E+05 | 0.53 | 11 | 5.7 | 3.71 |
| AQ.12.M.C3\_6\_132 | SAMN39640778 | [JBDXDR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDR000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.54 | 11 | 77.1 | 3.70 |
| CB.52.F.A2\_60\_9 | SAMN39640788 | [JBDXEB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEB000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.1 | 3.67E+05 | 0.53 | 11 | 6.2 | 3.72 |
| CB.03.F.D2\_62\_003 | SAMN39640798 | [JBDXEL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEL000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 1.2 | 3.76E+05 | 0.53 | 140 | 3.8 | 3.93 |
| CI.07.F.B5\_63\_31 | SAMN39640801 | [JBDXEO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEO000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.67E+05 | 0.53 | 13 | 3.3 | 3.70 |
| AQ.21.M.B6\_64\_9 | SAMN39640807 | [JBDXEU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEU000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.1 | 3.76E+05 | 0.53 | 13 | 68.1 | 3.72 |
| CI.34.F.D1\_65\_18 | SAMN39640810 | [JBDXEX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEX000000000.1/) | *Lentilitoribacter sp.* | 99.1 | 0.8 | 3.67E+05 | 0.53 | 12 | 160.8 | 4.04 |
| CI.28.F.A3\_66\_22 | SAMN39640816 | [JBDXFD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFD000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 10 | 178.2 | 3.70 |
| CI.52.M.B5\_68\_14 | SAMN39640822 | [JBDXFJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFJ000000000.1/) | *Lentilitoribacter sp.* | 99.6 | 0.0 | 4.48E+04 | 0.53 | 142 | 6.2 | 3.60 |
| CB.70.F.D3\_69\_6 | SAMN39640829 | [JBDXFQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFQ000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 1.82E+05 | 0.53 | 27 | 33.1 | 3.70 |
| AQ.11.F.C4\_7\_011 | SAMN39640839 | [JBDXGA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGA000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 13 | 7.0 | 3.71 |
| AQ.08.M.C5\_70\_20 | SAMN39640843 | [JBDXGE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGE000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 2.91E+05 | 0.53 | 29 | 29.5 | 3.68 |
| CI.52.F.A3\_71\_17 | SAMN39640849 | [JBDXGK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGK000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 1.60E+05 | 0.53 | 44 | 4.9 | 3.69 |
| CI.39.F.B3\_74\_18 | SAMN39640851 | [JBDXGM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGM000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 11 | 282.3 | 3.70 |
| CB.55.F.D4\_76\_50 | SAMN39640865 | [JBDXHA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHA000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 3.9 | 3.76E+05 | 0.53 | 10 | 459.5 | 3.84 |
| CI.32.F.A1\_77\_2 | SAMN39640873 | [JBDXHI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHI000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 11 | 31.6 | 3.70 |
| AQ.40.F.B6\_8\_22 | SAMN39640879 | [JBDXHO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHO000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.76E+05 | 0.53 | 11 | 5.3 | 3.71 |
| AQ.21.F.C1\_80\_64 | SAMN39640891 | [JBDXIA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIA000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 4.5 | 3.70 |
| CI.43.F.D3\_82\_45 | SAMN39640899 | [JBDXII000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXII000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.75E+05 | 0.53 | 11 | 212.3 | 3.71 |
| AQ.18.F.C1\_83\_30 | SAMN39640904 | [JBDXIN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIN000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 1.0 | 3.76E+05 | 0.53 | 12 | 196.7 | 3.73 |
| CB.68.F.D4\_84\_34 | SAMN39640913 | [JBDXIW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIW000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.76E+05 | 0.53 | 11 | 107.9 | 3.71 |
| CI.56.F.D2\_86\_48 | SAMN39640921 | [JBDXJE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJE000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.75E+05 | 0.53 | 11 | 3.4 | 3.72 |
| AQ.18.M.A2\_9\_007 | SAMN39640930 | [JBDXJN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJN000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 0.0 | 3.76E+05 | 0.54 | 89 | 6.4 | 3.81 |
| CI.14.F.D1\_90\_24 | SAMN39640936 | [JBDXJT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJT000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 6.3 | 3.67E+05 | 0.53 | 12 | 431.8 | 3.97 |
| AQ.32.F.A2\_91\_58 | SAMN39640953 | [JBDXKK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKK000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 11 | 165.5 | 3.71 |
| AQ.12.F.C3\_92\_24 | SAMN39640955 | [JBDXKM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKM000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 10 | 426.8 | 3.70 |
| CI.03.F.D4\_94\_13 | SAMN39640964 | [JBDXKV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKV000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.76E+05 | 0.53 | 11 | 4.4 | 3.71 |
| CB.34.M.B6\_95\_34 | SAMN39640973 | [JBDXLE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLE000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.67E+05 | 0.53 | 13 | 12.3 | 3.70 |
| CB.05.F.D2\_97\_39 | SAMN39640982 | [JBDXLN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLN000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.0 | 3.75E+05 | 0.53 | 11 | 159.0 | 3.71 |
| CB.65.F.C3\_98\_30 | SAMN39640989 | [JBDXLU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLU000000000.1/) | *Lentilitoribacter sp.* | 99.9 | 0.1 | 3.73E+05 | 0.53 | 12 | 101.9 | 3.71 |
| CI.54.F.A1\_99\_61 | SAMN39641000 | [JBDXMF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXMF000000000.1/) | *Lentilitoribacter sp.* | 100.0 | 6.9 | 3.67E+05 | 0.53 | 13 | 5.1 | 4.00 |
| CB.10.F.C1\_120\_28 | SAMN39639335 | [JBDVAE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAE000000000.1/) | *Pyruvatibacter sp.* | 100.0 | 0.3 | 1.17E+06 | 0.53 | 6 | 153.8 | 3.56 |
| CB.42.M.D5\_127\_50 | SAMN39639376 | [JBDVBT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBT000000000.1/) | *Pyruvatibacter sp.* | 100.0 | 0.3 | 1.19E+06 | 0.53 | 6 | 26.5 | 3.56 |
| CB.04.M.C5\_124\_1 | SAMN39639360 | [JBDVBD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBD000000000.1/) | *Eudoraea sp.* | 100.0 | 0.1 | 6.79E+05 | 0.53 | 17 | 75.4 | 3.93 |
| AQ.07.F.C5\_194\_4 | SAMN39639697 | [JBDVOC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOC000000000.1/) | *Eudoraea sp.* | 100.0 | 0.1 | 6.00E+05 | 0.53 | 17 | 32.5 | 3.92 |
| LC.05.F.A2\_232\_90 | SAMN39639841 | [JBDVTQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTQ000000000.1/) | *Eudoraea sp.* | 100.0 | 0.1 | 4.23E+05 | 0.53 | 19 | 33.8 | 3.92 |
| CI.40.M.A6\_104\_65 | SAMN39639240 | [JBDUWN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWN000000000.1/) | *Balneola sp.* | 96.2 | 0.0 | 8.38E+04 | 0.53 | 78 | 19.3 | 3.45 |
| CB.61.F.B1\_116\_67 | SAMN39639299 | [JBDUYU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYU000000000.1/) | *Balneola sp.* | 96.9 | 1.2 | 1.79E+05 | 0.53 | 47 | 12.9 | 3.61 |
| CB.10.F.C1\_120\_31 | SAMN39639336 | [JBDVAF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAF000000000.1/) | *Balneola sp.* | 99.0 | 0.0 | 2.83E+05 | 0.53 | 22 | 14.7 | 3.58 |
| CB.04.M.C5\_124\_59 | SAMN39639367 | [JBDVBK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBK000000000.1/) | *Balneola sp.* | 99.0 | 0.0 | 2.83E+05 | 0.53 | 20 | 215.5 | 3.58 |
| CB.42.M.D5\_127\_14 | SAMN39639371 | [JBDVBO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBO000000000.1/) | *Balneola sp.* | 99.0 | 0.0 | 2.83E+05 | 0.53 | 21 | 24.3 | 3.58 |
| CB.35.M.A6\_128\_82 | SAMN39639393 | [JBDVCK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCK000000000.1/) | *Balneola sp.* | 98.7 | 0.3 | 2.89E+04 | 0.54 | 182 | 8.7 | 3.54 |
| CB.49.M.B5\_130\_39 | SAMN39639402 | [JBDVCT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCT000000000.1/) | *Balneola sp.* | 99.0 | 0.0 | 2.83E+05 | 0.54 | 20 | 37.2 | 3.58 |
| LC.109.F.C4\_184\_28 | SAMN39639665 | [JBDVMW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMW000000000.1/) | *Balneola sp.* | 93.2 | 0.5 | 9.10E+04 | 0.53 | 88 | 14.6 | 3.77 |
| CI.60.F.C2\_37\_11 | SAMN39640065 | [JBDWCG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCG000000000.1/) | *Balneola sp.* | 98.9 | 0.0 | 2.66E+05 | 0.53 | 23 | 99.9 | 3.58 |
| CB.74.F.B4\_51\_008 | SAMN39640609 | [JBDWXE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXE000000000.1/) | *Balneola sp.* | 98.8 | 0.5 | 6.04E+04 | 0.53 | 152 | 7.8 | 3.63 |
| CB.03.F.D2\_62\_68 | SAMN39640796 | [JBDXEJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEJ000000000.1/) | *Balneola sp.* | 99.2 | 0.0 | 1.46E+05 | 0.53 | 50 | 69.9 | 3.55 |
| CI.39.F.B3\_74\_80 | SAMN39640858 | [JBDXGT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGT000000000.1/) | *Balneola sp.* | 96.2 | 0.0 | 3.89E+04 | 0.53 | 153 | 11.3 | 3.43 |
| CI.14.F.D1\_90\_37 | SAMN39640937 | [JBDXJU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJU000000000.1/) | *Balneola sp.* | 91.7 | 0.0 | 6.17E+03 | 0.54 | 654 | 7.4 | 2.99 |
| AQ.63.F.D4\_12\_70 | SAMN39639331 | [JBDVAA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAA000000000.1/) | *Cellulophaga sp.* | 98.9 | 0.4 | 4.02E+04 | 0.53 | 231 | 5.5 | 3.77 |
| CB.43.F.B2\_119\_89 | SAMN39639321 | [JBDUZQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZQ000000000.1/) | *Paraglaciecola sp.* | 99.8 | 0.5 | 3.00E+05 | 0.53 | 27 | 26.5 | 4.19 |
| LC.119.F.D4\_174\_32 | SAMN39639617 | [JBDVLA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLA000000000.1/) | *Paraglaciecola sp.* | 93.9 | 2.6 | 1.42E+04 | 0.43 | 397 | 7.3 | 4.08 |
| CB.34.F.B4\_102\_67 | SAMN39639225 | [JBDUVY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVY000000000.1/) | *Marinobacter sp.* | 100.0 | 0.2 | 1.11E+05 | 0.43 | 78 | 39.1 | 4.52 |
| CB.69.F.B4\_103\_78 | SAMN39639234 | [JBDUWH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWH000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.57E+05 | 0.43 | 66 | 31.3 | 4.51 |
| CB.73.F.B2\_105\_72 | SAMN39639246 | [JBDUWT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWT000000000.1/) | *Marinobacter sp.* | 100.0 | 1.3 | 1.27E+05 | 0.43 | 89 | 4.3 | 4.54 |
| CI.27.F.A2\_106\_16 | SAMN39639249 | [JBDUWW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWW000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.43 | 64 | 33.8 | 4.49 |
| CB.41.F.D1\_109\_13 | SAMN39639260 | [JBDUXH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXH000000000.1/) | *Marinobacter sp.* | 100.0 | 1.0 | 5.41E+04 | 0.43 | 133 | 10.3 | 4.44 |
| CB.66.F.B1\_115\_51 | SAMN39639287 | [JBDUYI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYI000000000.1/) | *Marinobacter sp.* | 100.0 | 0.1 | 1.59E+05 | 0.43 | 65 | 20.0 | 4.49 |
| CB.61.F.B1\_116\_005 | SAMN39639302 | [JBDUYX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYX000000000.1/) | *Marinobacter sp.* | 96.7 | 0.0 | 1.45E+05 | 0.43 | 98 | 3.8 | 4.39 |
| CB.43.F.B2\_119\_87 | SAMN39639320 | [JBDUZP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZP000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.43 | 61 | 32.3 | 4.46 |
| AQ.63.F.D4\_12\_62 | SAMN39639330 | [JBDUZZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZZ000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.43 | 61 | 144.9 | 4.49 |
| CB.10.F.C1\_120\_38 | SAMN39639340 | [JBDVAJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAJ000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.57E+05 | 0.52 | 62 | 20.5 | 4.47 |
| CB.07.M.B5\_121\_33 | SAMN39639350 | [JBDVAT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAT000000000.1/) | *Marinobacter sp.* | 100.0 | 0.1 | 8.76E+04 | 0.53 | 99 | 18.9 | 4.50 |
| CB.42.M.D5\_127\_42 | SAMN39639375 | [JBDVBS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBS000000000.1/) | *Marinobacter sp.* | 100.0 | 0.2 | 5.40E+04 | 0.52 | 155 | 11.1 | 4.49 |
| CB.35.M.A6\_128\_35 | SAMN39639385 | [JBDVCC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCC000000000.1/) | *Marinobacter sp.* | 100.0 | 0.4 | 6.93E+04 | 0.52 | 131 | 13.0 | 4.44 |
| CB.49.M.B5\_130\_52 | SAMN39639404 | [JBDVCV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCV000000000.1/) | *Marinobacter sp.* | 100.0 | 1.5 | 3.15E+04 | 0.53 | 223 | 10.1 | 4.43 |
| CB.51.F.C3\_134\_20 | SAMN39639408 | [JBDVCZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCZ000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.13E+05 | 0.52 | 80 | 13.7 | 4.48 |
| CB.04.F.A3\_155\_012 | SAMN39639508 | [JBDVGV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGV000000000.1/) | *Marinobacter sp.* | 100.0 | 1.4 | 2.16E+04 | 0.52 | 372 | 9.6 | 4.34 |
| CB.75.F.D4\_158\_007 | SAMN39639527 | [JBDVHO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHO000000000.1/) | *Marinobacter sp.* | 97.1 | 1.5 | 1.06E+04 | 0.52 | 640 | 7.5 | 4.18 |
| AQ.30.F.B4\_160\_36 | SAMN39639549 | [JBDVIK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIK000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.45E+05 | 0.52 | 68 | 36.5 | 4.50 |
| LC.106.F.A4\_166\_6 | SAMN39639572 | [JBDVJH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJH000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.52 | 65 | 134.3 | 4.49 |
| AQ.62.F.A5\_17\_43 | SAMN39639589 | [JBDVJY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJY000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 5.85E+04 | 0.52 | 130 | 11.4 | 4.48 |
| LC.119.F.D4\_174\_7 | SAMN39639626 | [JBDVLJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLJ000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.52 | 62 | 85.0 | 4.49 |
| CB.49.F.A1\_179\_73 | SAMN39639649 | [JBDVMG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMG000000000.1/) | *Marinobacter sp.* | 100.0 | 6.8 | 1.27E+05 | 0.52 | 142 | 6.5 | 5.04 |
| LC.100.F.D2\_188\_35 | SAMN39639682 | [JBDVNN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNN000000000.1/) | *Marinobacter sp.* | 97.0 | 1.0 | 1.72E+04 | 0.52 | 349 | 12.8 | 4.33 |
| AQ.07.F.C5\_194\_005 | SAMN39639703 | [JBDVOI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOI000000000.1/) | *Marinobacter sp.* | 100.0 | 1.1 | 1.45E+05 | 0.52 | 114 | 3.9 | 4.50 |
| LC.101.F.A3\_199\_003 | SAMN39639715 | [JBDVOU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOU000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.41 | 159 | 2.5 | 4.60 |
| AQ.20.F.C2\_2\_55 | SAMN39639722 | [JBDVPB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPB000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.52 | 67 | 2.8 | 4.51 |
| AQ.07.M.A6\_20\_19 | SAMN39639726 | [JBDVPF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPF000000000.1/) | *Marinobacter sp.* | 100.0 | 0.7 | 5.91E+04 | 0.52 | 133 | 14.3 | 4.50 |
| LC.06.F.A3\_204\_79 | SAMN39639746 | [JBDVPZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPZ000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.41 | 59 | 143.1 | 4.46 |
| CB.60.F.D1\_21\_69 | SAMN39639754 | [JBDVQH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQH000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.29E+05 | 0.52 | 75 | 7.4 | 4.53 |
| LC.09.F.B3\_212\_75 | SAMN39639766 | [JBDVQT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQT000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.41 | 62 | 161.8 | 4.48 |
| LC.118.F.C4\_216\_79 | SAMN39639776 | [JBDVRD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRD000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.41 | 67 | 84.5 | 4.50 |
| AQ.05.M.B6\_22\_3 | SAMN39639784 | [JBDVRL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRL000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.41 | 64 | 48.3 | 4.50 |
| LC.122.F.D4\_220\_41 | SAMN39639789 | [JBDVRQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRQ000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.45E+05 | 0.41 | 67 | 64.6 | 4.48 |
| CB.59.M.B5\_223\_3 | SAMN39639800 | [JBDVSB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSB000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.52 | 63 | 52.0 | 4.50 |
| LC.04.F.D4\_227\_009 | SAMN39639820 | [JBDVSV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSV000000000.1/) | *Marinobacter sp.* | 100.0 | 0.1 | 1.59E+05 | 0.52 | 116 | 103.2 | 4.50 |
| AQ.19.M.C2\_23\_36 | SAMN39639824 | [JBDVSZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSZ000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.41 | 67 | 72.6 | 4.49 |
| LC.05.F.A2\_232\_47 | SAMN39639837 | [JBDVTM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTM000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.52 | 63 | 134.2 | 4.49 |
| CB.57.F.B3\_234\_9 | SAMN39639854 | [JBDVUD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUD000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.41 | 70 | 457.1 | 4.51 |
| AQ.39.F.D5\_24\_4 | SAMN39639868 | [JBDVUR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUR000000000.1/) | *Marinobacter sp.* | 91.1 | 1.2 | 8.84E+03 | 0.53 | 552 | 8.5 | 3.91 |
| AQ.23.F.D2\_25\_70 | SAMN39639873 | [JBDVUW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUW000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.45E+05 | 0.41 | 68 | 30.7 | 4.48 |
| LC.03.F.B2\_259\_7 | SAMN39639902 | [JBDVVZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVZ000000000.1/) | *Marinobacter sp.* | 100.0 | 0.2 | 1.27E+05 | 0.41 | 73 | 17.8 | 4.51 |
| AQ.40.F.A1\_26\_23 | SAMN39639908 | [JBDVWF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWF000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.45E+05 | 0.41 | 64 | 17.4 | 4.49 |
| AQ.22.F.C3\_27\_65 | SAMN39639922 | [JBDVWT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWT000000000.1/) | *Marinobacter sp.* | 91.7 | 2.2 | 5.74E+03 | 0.41 | 915 | 19.7 | 4.04 |
| LC.105.F.D3\_287\_92 | SAMN39639944 | [JBDVXP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXP000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.52 | 62 | 47.2 | 4.49 |
| AQ.08.F.D1\_29\_43 | SAMN39639949 | [JBDVXU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXU000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.57E+05 | 0.59 | 64 | 48.0 | 4.48 |
| AQ.25.F.B6\_3\_59 | SAMN39639976 | [JBDVYV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYV000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.27E+05 | 0.59 | 61 | 3.7 | 4.46 |
| AQ.36.F.B5\_30\_66 | SAMN39639988 | [JBDVZH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZH000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.29E+05 | 0.59 | 68 | 21.2 | 4.49 |
| LC.07.F.D4\_302\_7 | SAMN39639999 | [JBDVZS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZS000000000.1/) | *Marinobacter sp.* | 96.4 | 0.3 | 2.17E+04 | 0.59 | 296 | 9.0 | 4.38 |
| AQ.33.F.A4\_34\_99 | SAMN39640037 | [JBDWBE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBE000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.59 | 64 | 4.3 | 4.50 |
| AQ.31.F.A4\_36\_80 | SAMN39640060 | [JBDWCB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCB000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.57E+05 | 0.59 | 65 | 27.6 | 4.48 |
| AQ.09.F.A3\_38\_82 | SAMN39640108 | [JBDWDX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDX000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.59 | 63 | 75.7 | 4.49 |
| AQ.06.F.A6\_42\_48 | SAMN39640179 | [JBDWGQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGQ000000000.1/) | *Marinobacter sp.* | 100.0 | 0.2 | 1.45E+05 | 0.58 | 67 | 27.4 | 4.58 |
| AQ.25.M.D1\_44\_66 | SAMN39640293 | [JBDWLA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLA000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.58 | 65 | 58.3 | 4.50 |
| AQ.60.F.B1\_47\_52 | SAMN39640427 | [JBDWQE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQE000000000.1/) | *Marinobacter sp.* | 100.0 | 0.3 | 1.59E+05 | 0.59 | 62 | 28.3 | 4.49 |
| AQ.13.M.D6\_48\_008 | SAMN39640473 | [JBDWRY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRY000000000.1/) | *Marinobacter sp.* | 100.0 | 0.1 | 1.13E+05 | 0.59 | 137 | 6.7 | 4.51 |
| AQ.13.F.D5\_49\_0 | SAMN39640504 | [JBDWTD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTD000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 7.72E+04 | 0.58 | 113 | 23.0 | 4.50 |
| AQ.37.F.C6\_499\_66 | SAMN39640544 | [JBDWUR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUR000000000.1/) | *Marinobacter sp.* | 100.0 | 7.9 | 1.27E+05 | 0.58 | 113 | 25.5 | 4.91 |
| AQ.15.M.B6\_50\_22 | SAMN39640550 | [JBDWUX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUX000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.59 | 60 | 48.0 | 4.48 |
| CB.67.F.C4\_506\_45 | SAMN39640592 | [JBDWWN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWN000000000.1/) | *Marinobacter sp.* | 100.0 | 0.8 | 1.45E+05 | 0.69 | 79 | 352.1 | 4.60 |
| CB.74.F.B4\_51\_38 | SAMN39640604 | [JBDWWZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWZ000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.13E+05 | 0.34 | 71 | 3.3 | 4.46 |
| AQ.26.F.B4\_52\_008 | SAMN39640660 | [JBDWZD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZD000000000.1/) | *Marinobacter sp.* | 100.0 | 0.1 | 1.45E+05 | 0.34 | 109 | 6.3 | 4.52 |
| CI.32.F.D1\_540\_13 | SAMN39640706 | [JBDXAX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAX000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.45E+05 | 0.34 | 63 | 22.3 | 4.47 |
| CI.36.F.B4\_55\_19 | SAMN39640717 | [JBDXBI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBI000000000.1/) | *Marinobacter sp.* | 99.7 | 0.4 | 3.64E+04 | 0.6 | 239 | 3.8 | 4.62 |
| CB.47.M.B5\_56\_8 | SAMN39640733 | [JBDXBY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBY000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.45E+05 | 0.6 | 75 | 4.9 | 4.48 |
| CB.62.F.B1\_58\_33 | SAMN39640768 | [JBDXDH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDH000000000.1/) | *Marinobacter sp.* | 92.7 | 1.7 | 1.01E+04 | 0.6 | 529 | 2.5 | 4.19 |
| AQ.12.M.C3\_6\_93 | SAMN39640781 | [JBDXDU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDU000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.58 | 72 | 4.3 | 4.52 |
| CB.03.F.D2\_62\_38 | SAMN39640794 | [JBDXEH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEH000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.57E+05 | 0.6 | 64 | 51.1 | 4.47 |
| CI.28.F.A3\_66\_37 | SAMN39640818 | [JBDXFF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFF000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.18E+05 | 0.6 | 79 | 9.5 | 4.54 |
| CI.52.M.B5\_68\_12 | SAMN39640821 | [JBDXFI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFI000000000.1/) | *Marinobacter sp.* | 96.7 | 1.7 | 1.50E+04 | 0.6 | 411 | 10.4 | 4.28 |
| CB.70.F.D3\_69\_22 | SAMN39640826 | [JBDXFN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFN000000000.1/) | *Marinobacter sp.* | 99.3 | 0.5 | 1.73E+04 | 0.6 | 346 | 10.2 | 4.38 |
| AQ.11.F.C4\_7\_66 | SAMN39640833 | [JBDXFU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFU000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.55 | 55 | 5.2 | 4.44 |
| AQ.08.M.C5\_70\_17 | SAMN39640842 | [JBDXGD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGD000000000.1/) | *Marinobacter sp.* | 100.0 | 2.0 | 1.81E+04 | 0.55 | 356 | 7.6 | 4.39 |
| CI.32.F.A1\_77\_23 | SAMN39640874 | [JBDXHJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHJ000000000.1/) | *Marinobacter sp.* | 100.0 | 2.0 | 1.45E+05 | 0.55 | 123 | 4.3 | 4.67 |
| AQ.40.F.B6\_8\_14 | SAMN39640878 | [JBDXHN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHN000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.45E+05 | 0.55 | 68 | 4.6 | 4.51 |
| AQ.21.F.C1\_80\_44 | SAMN39640889 | [JBDXHY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHY000000000.1/) | *Marinobacter sp.* | 100.0 | 3.5 | 1.29E+05 | 0.56 | 130 | 4.7 | 4.73 |
| CI.43.F.D3\_82\_21 | SAMN39640897 | [JBDXIG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIG000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.58 | 77 | 169.3 | 4.54 |
| AQ.18.F.C1\_83\_34 | SAMN39640905 | [JBDXIO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIO000000000.1/) | *Marinobacter sp.* | 100.0 | 0.3 | 1.27E+05 | 0.58 | 78 | 29.5 | 4.54 |
| CB.68.F.D4\_84\_005 | SAMN39640916 | [JBDXIZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIZ000000000.1/) | *Marinobacter sp.* | 91.7 | 1.1 | 9.29E+03 | 0.53 | 652 | 4.6 | 4.10 |
| CI.56.F.D2\_86\_005 | SAMN39640923 | [JBDXJG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJG000000000.1/) | *Marinobacter sp.* | 100.0 | 0.3 | 1.27E+05 | 0.47 | 125 | 3.4 | 4.50 |
| CI.14.F.D1\_90\_23 | SAMN39640935 | [JBDXJS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJS000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.47 | 65 | 39.5 | 4.51 |
| AQ.12.F.C3\_92\_55 | SAMN39640960 | [JBDXKR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKR000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.59E+05 | 0.47 | 62 | 43.1 | 4.49 |
| CI.03.F.D4\_94\_38 | SAMN39640967 | [JBDXKY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKY000000000.1/) | *Marinobacter sp.* | 100.0 | 0.0 | 1.07E+05 | 0.47 | 86 | 15.2 | 4.49 |
| CB.34.M.B6\_95\_22 | SAMN39640972 | [JBDXLD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLD000000000.1/) | *Marinobacter sp.* | 100.0 | 0.3 | 1.29E+05 | 0.47 | 128 | 46.8 | 4.91 |
| CB.05.F.D2\_97\_17 | SAMN39640978 | [JBDXLJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLJ000000000.1/) | *Marinobacter sp.* | 99.8 | 0.7 | 1.27E+05 | 0.47 | 74 | 15.8 | 4.46 |
| CB.65.F.C3\_98\_17 | SAMN39640987 | [JBDXLS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLS000000000.1/) | *Marinobacter sp.* | 100.0 | 0.1 | 1.17E+05 | 0.47 | 73 | 23.9 | 4.50 |
| CI.54.F.A1\_99\_43 | SAMN39640998 | [JBDXMD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXMD000000000.1/) | *Marinobacter sp.* | 100.0 | 0.8 | 1.54E+05 | 0.47 | 69 | 5.2 | 4.58 |
| AQ.03.F.D1\_10\_15 | SAMN39639210 | [JBDUVJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVJ000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.4 | 7 | 352.2 | 3.43 |
| CB.34.F.B4\_102\_66 | SAMN39639224 | [JBDUVX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVX000000000.1/) | *Parasphingorhabdus sp.* | 99.8 | 1.0 | 7.55E+05 | 0.56 | 8 | 96.8 | 3.49 |
| CB.69.F.B4\_103\_50 | SAMN39639232 | [JBDUWF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWF000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.56 | 11 | 523.0 | 3.48 |
| CI.40.M.A6\_104\_43 | SAMN39639235 | [JBDUWI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWI000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 9 | 538.9 | 3.48 |
| CB.73.F.B2\_105\_93 | SAMN39639247 | [JBDUWU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWU000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.38 | 6 | 927.1 | 3.43 |
| CI.27.F.A2\_106\_29 | SAMN39639252 | [JBDUWZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWZ000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 9 | 459.6 | 3.47 |
| CB.41.F.D1\_109\_10 | SAMN39639258 | [JBDUXF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXF000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 9 | 946.9 | 3.47 |
| CB.59.F.A3\_113\_13 | SAMN39639267 | [JBDUXO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXO000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 8 | 531.2 | 3.47 |
| CB.66.F.B1\_115\_50 | SAMN39639286 | [JBDUYH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYH000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 276.1 | 3.43 |
| CB.61.F.B1\_116\_21 | SAMN39639295 | [JBDUYQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYQ000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 4.3 | 7.55E+05 | 0.35 | 7 | 580.4 | 3.48 |
| CB.43.F.B2\_119\_33 | SAMN39639310 | [JBDUZF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZF000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 7.2 | 9.02E+05 | 0.35 | 7 | 569.0 | 3.57 |
| AQ.63.F.D4\_12\_60 | SAMN39639329 | [JBDUZY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZY000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 109.7 | 3.43 |
| CB.10.F.C1\_120\_57 | SAMN39639345 | [JBDVAO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAO000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 8 | 442.1 | 3.47 |
| CB.07.M.B5\_121\_54 | SAMN39639352 | [JBDVAV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAV000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.56 | 8 | 114.3 | 3.43 |
| CB.31.M.D5\_123\_57 | SAMN39639358 | [JBDVBB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBB000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 299.4 | 3.43 |
| CB.04.M.C5\_124\_32 | SAMN39639365 | [JBDVBI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBI000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 756.4 | 3.43 |
| CB.42.M.D5\_127\_4 | SAMN39639374 | [JBDVBR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBR000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 9 | 1341.5 | 3.47 |
| CB.35.M.A6\_128\_67 | SAMN39639390 | [JBDVCH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCH000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 2.5 | 5.77E+05 | 0.35 | 9 | 226.8 | 3.61 |
| CB.49.M.B5\_130\_28 | SAMN39639400 | [JBDVCR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCR000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 11 | 427.7 | 3.49 |
| CB.54.F.C2\_137\_51 | SAMN39639424 | [JBDVDP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDP000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 815.2 | 3.47 |
| CB.02.M.C5\_139\_19 | SAMN39639432 | [JBDVDX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDX000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 268.5 | 3.43 |
| AQ.59A.F.C1\_14\_8 | SAMN39639452 | [JBDVER000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVER000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 5.45E+05 | 0.35 | 8 | 142.4 | 3.43 |
| CB.37.F.D4\_140\_66 | SAMN39639464 | [JBDVFD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFD000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 7.4 | 5.86E+05 | 0.35 | 11 | 820.6 | 3.89 |
| LC.102.F.A1\_144\_64 | SAMN39639477 | [JBDVFQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFQ000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 380.4 | 3.43 |
| CB.64.M.A6\_145\_15 | SAMN39639480 | [JBDVFT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVFT000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 411.1 | 3.43 |
| AQ.64.F.B3\_146\_23 | SAMN39639491 | [JBDVGE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGE000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.2 | 7.55E+05 | 0.35 | 7 | 129.4 | 3.47 |
| CB.04.F.A3\_155\_58 | SAMN39639505 | [JBDVGS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGS000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 4.9 | 7.55E+05 | 0.35 | 8 | 282.1 | 3.62 |
| CB.75.F.D4\_158\_54 | SAMN39639524 | [JBDVHL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHL000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 311.4 | 3.43 |
| CB.01.F.D3\_159\_33 | SAMN39639530 | [JBDVHR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVHR000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 8 | 135.4 | 3.43 |
| AQ.02.F.B2\_16\_19 | SAMN39639545 | [JBDVIG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIG000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.2 | 6.15E+05 | 0.35 | 10 | 44.7 | 3.51 |
| AQ.30.F.B4\_160\_4 | SAMN39639550 | [JBDVIL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIL000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 5 | 153.2 | 3.43 |
| AQ.28.F.A5\_164\_42 | SAMN39639557 | [JBDVIS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVIS000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 349.6 | 3.43 |
| LC.106.F.A4\_166\_35 | SAMN39639566 | [JBDVJB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJB000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 511.1 | 3.43 |
| LC.117.F.A3\_168\_1 | SAMN39639575 | [JBDVJK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJK000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 8 | 83.3 | 3.43 |
| AQ.62.F.A5\_17\_54 | SAMN39639590 | [JBDVJZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJZ000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 291.4 | 3.46 |
| AQ.50.F.D1\_171\_50 | SAMN39639599 | [JBDVKI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKI000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 5.35E+05 | 0.35 | 7 | 635.1 | 3.43 |
| LC.119.F.D4\_174\_0 | SAMN39639615 | [JBDVKY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVKY000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.44 | 6 | 716.0 | 3.43 |
| LC.107.F.A2\_175\_40 | SAMN39639637 | [JBDVLU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVLU000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 86.3 | 3.47 |
| CB.49.F.A1\_179\_61 | SAMN39639646 | [JBDVMD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMD000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 6.45E+05 | 0.35 | 9 | 551.7 | 3.43 |
| LC.127.F.D4\_180\_23 | SAMN39639654 | [JBDVML000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVML000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 145.3 | 3.43 |
| LC.109.F.C4\_184\_60 | SAMN39639669 | [JBDVNA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNA000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 509.4 | 3.43 |
| LC.100.F.D2\_188\_29 | SAMN39639681 | [JBDVNM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNM000000000.1/) | *Parasphingorhabdus sp.* | 93.0 | 1.9 | 2.19E+04 | 0.35 | 215 | 9.4 | 3.32 |
| CB.66.M.B5\_19\_10 | SAMN39639687 | [JBDVNS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVNS000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 2.9 | 4.70E+05 | 0.35 | 11 | 5.9 | 3.47 |
| AQ.07.F.C5\_194\_75 | SAMN39639701 | [JBDVOG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOG000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 111.7 | 3.43 |
| LC.101.F.A3\_199\_63 | SAMN39639711 | [JBDVOQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVOQ000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 182.6 | 3.43 |
| AQ.07.M.A6\_20\_29 | SAMN39639727 | [JBDVPG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPG000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.2 | 7.55E+05 | 0.35 | 9 | 124.7 | 3.52 |
| LC.06.F.A3\_204\_26 | SAMN39639742 | [JBDVPV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVPV000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 8.32E+05 | 0.35 | 5 | 295.9 | 3.43 |
| CB.60.F.D1\_21\_61 | SAMN39639753 | [JBDVQG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQG000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 8 | 607.9 | 3.44 |
| LC.09.F.B3\_212\_93 | SAMN39639770 | [JBDVQX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQX000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 287.7 | 3.43 |
| AQ.05.M.B6\_22\_29 | SAMN39639783 | [JBDVRK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRK000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 5.07E+05 | 0.35 | 11 | 388.5 | 3.47 |
| LC.122.F.D4\_220\_56 | SAMN39639793 | [JBDVRU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVRU000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 4.28E+05 | 0.35 | 7 | 151.2 | 3.43 |
| CB.59.M.B5\_223\_58 | SAMN39639804 | [JBDVSF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSF000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 8 | 68.0 | 3.43 |
| LC.04.F.D4\_227\_14 | SAMN39639812 | [JBDVSN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVSN000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 109.0 | 3.43 |
| CB.57.F.B3\_234\_45 | SAMN39639850 | [JBDVTZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTZ000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 4.8 | 4.46E+05 | 0.35 | 9 | 434.1 | 3.62 |
| LC.99.F.B1\_235\_10 | SAMN39639855 | [JBDVUE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUE000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 4.28E+05 | 0.35 | 8 | 81.1 | 3.43 |
| AQ.39.F.D5\_24\_38 | SAMN39639867 | [JBDVUQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUQ000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 129.8 | 3.43 |
| AQ.23.F.D2\_25\_11 | SAMN39639870 | [JBDVUT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVUT000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.2 | 7.55E+05 | 0.35 | 8 | 1811.7 | 3.44 |
| LC.172.F.D2\_251\_9 | SAMN39639882 | [JBDVVF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVF000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 176.7 | 3.43 |
| LC.123.F.D2\_252\_37 | SAMN39639890 | [JBDVVN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVVN000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 14 | 4.7 | 3.51 |
| LC.03.F.B2\_259\_8 | SAMN39639903 | [JBDVWA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWA000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 168.5 | 3.43 |
| AQ.40.F.A1\_26\_35 | SAMN39639912 | [JBDVWJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWJ000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 3.9 | 7.49E+05 | 0.35 | 9 | 691.7 | 3.81 |
| AQ.22.F.C3\_27\_34 | SAMN39639920 | [JBDVWR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWR000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 4.28E+05 | 0.35 | 8 | 7.9 | 3.47 |
| CI.04.F.C2\_28\_57 | SAMN39639931 | [JBDVXC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXC000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 9 | 92.6 | 3.47 |
| LC.105.F.D3\_287\_15 | SAMN39639935 | [JBDVXG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXG000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 4.28E+05 | 0.35 | 9 | 27.7 | 3.43 |
| AQ.08.F.D1\_29\_91 | SAMN39639952 | [JBDVXX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVXX000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 7.8 | 3.47 |
| LC.173.F.D1\_294\_3 | SAMN39639957 | [JBDVYC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYC000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 9 | 220.0 | 3.44 |
| AQ.25.F.B6\_3\_007 | SAMN39639980 | [JBDVYZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYZ000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.2 | 7.55E+05 | 0.35 | 72 | 18.3 | 3.56 |
| AQ.36.F.B5\_30\_27 | SAMN39639984 | [JBDVZD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZD000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 8 | 387.0 | 3.48 |
| LC.07.F.D4\_302\_45 | SAMN39639996 | [JBDVZP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVZP000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 4.28E+05 | 0.35 | 7 | 136.1 | 3.43 |
| AQ.29.F.C3\_31\_60 | SAMN39640009 | [JBDWAC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAC000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.2 | 7.55E+05 | 0.35 | 12 | 510.8 | 3.52 |
| CI.05.F.A1\_32\_29 | SAMN39640012 | [JBDWAF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAF000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 78 | 13.7 | 3.81 |
| LC.369.M.C6\_330\_26 | SAMN39640022 | [JBDWAP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAP000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 4.20E+05 | 0.35 | 9 | 32.3 | 3.42 |
| AQ.33.F.A4\_34\_38 | SAMN39640031 | [JBDWAY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWAY000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 117.3 | 3.43 |
| CI.60.F.C2\_37\_49 | SAMN39640072 | [JBDWCN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCN000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 8 | 4.6 | 3.47 |
| LC.212.M.A5\_371\_77 | SAMN39640084 | [JBDWCZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWCZ000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.9 | 7.55E+05 | 0.35 | 7 | 26.4 | 3.42 |
| AQ.09.F.A3\_38\_16 | SAMN39640100 | [JBDWDP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWDP000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 2.5 | 7.55E+05 | 0.35 | 24 | 125.3 | 3.75 |
| AQ.61.F.B5\_39\_17 | SAMN39640111 | [JBDWEA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEA000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 621.0 | 3.43 |
| AQ.24.F.C5\_40\_79 | SAMN39640133 | [JBDWEW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWEW000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 5.3 | 4.51E+05 | 0.35 | 10 | 6.9 | 3.71 |
| AQ.10.F.B2\_41\_21 | SAMN39640141 | [JBDWFE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWFE000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 1032.0 | 3.50 |
| AQ.06.F.A6\_42\_40 | SAMN39640178 | [JBDWGP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGP000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 633.0 | 3.43 |
| CI.48.F.B2\_423\_55 | SAMN39640232 | [JBDWIR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWIR000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 4.49E+05 | 0.35 | 12 | 22.0 | 3.43 |
| AQ.34.F.B6\_43\_99 | SAMN39640287 | [JBDWKU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKU000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 8 | 1028.7 | 3.43 |
| AQ.25.M.D1\_44\_16 | SAMN39640290 | [JBDWKX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWKX000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 18 | 4.7 | 3.51 |
| CI.51.M.D6\_450\_92 | SAMN39640355 | [JBDWNK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWNK000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 60.5 | 3.42 |
| AQ.35.F.B2\_46\_8 | SAMN39640391 | [JBDWOU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWOU000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 155.1 | 3.43 |
| LC.116.F.D3\_460\_50 | SAMN39640401 | [JBDWPE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPE000000000.1/) | *Parasphingorhabdus sp.* | 91.0 | 0.1 | 7.55E+05 | 0.35 | 9 | 25.9 | 3.25 |
| AQ.60.F.B1\_47\_56 | SAMN39640429 | [JBDWQG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWQG000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 914.3 | 3.43 |
| LC.02.F.A2\_479\_65 | SAMN39640458 | [JBDWRJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRJ000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 307.6 | 3.43 |
| AQ.13.M.D6\_48\_91 | SAMN39640472 | [JBDWRX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRX000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.2 | 7.55E+05 | 0.35 | 12 | 1113.0 | 3.54 |
| CI.47.F.D1\_481\_16 | SAMN39640474 | [JBDWRZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWRZ000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 48.2 | 3.43 |
| AQ.13.F.D5\_49\_49 | SAMN39640507 | [JBDWTG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTG000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 8 | 4.7 | 3.47 |
| LC.119.F.A4\_494\_59 | SAMN39640522 | [JBDWTV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWTV000000000.1/) | *Parasphingorhabdus sp.* | 99.8 | 0.1 | 4.28E+05 | 0.56 | 10 | 35.8 | 3.43 |
| LC.09.M.C6\_495\_59 | SAMN39640533 | [JBDWUG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUG000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 90.9 | 3.43 |
| AQ.15.M.B6\_50\_2 | SAMN39640549 | [JBDWUW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWUW000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 8 | 9.0 | 3.43 |
| CI.40.F.D2\_503\_97 | SAMN39640576 | [JBDWVX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVX000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 4.28E+05 | 0.35 | 8 | 45.7 | 3.42 |
| LC.103.F.C4\_504\_86 | SAMN39640581 | [JBDWWC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWC000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 174.4 | 3.43 |
| CB.67.F.C4\_506\_35 | SAMN39640590 | [JBDWWL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWL000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.3 | 7.55E+05 | 0.35 | 7 | 105.3 | 3.44 |
| CB.74.F.B4\_51\_24 | SAMN39640603 | [JBDWWY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWY000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 4.6 | 3.43 |
| LC.122.F.C4\_512\_57 | SAMN39640629 | [JBDWXY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXY000000000.1/) | *Parasphingorhabdus sp.* | 96.4 | 0.6 | 3.16E+05 | 0.35 | 18 | 4.5 | 3.34 |
| CI.26.F.C1\_514\_102 | SAMN39640639 | [JBDWYI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYI000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 0.2 | 7.55E+05 | 0.35 | 7 | 98.8 | 3.49 |
| AQ.26.F.B4\_52\_26 | SAMN39640654 | [JBDWYX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWYX000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 8 | 4.0 | 3.44 |
| LC.110.F.C1\_528\_92 | SAMN39640673 | [JBDWZQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZQ000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 4.28E+05 | 0.35 | 8 | 32.9 | 3.43 |
| CI.40.F.A2\_529\_67 | SAMN39640677 | [JBDWZU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZU000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 4.04E+05 | 0.35 | 9 | 16.0 | 3.42 |
| CI.46.F.A4\_53\_013 | SAMN39640688 | [JBDXAF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAF000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 1.7 | 7.55E+05 | 0.35 | 153 | 5.4 | 3.78 |
| CI.39.F.A3\_536\_12 | SAMN39640690 | [JBDXAH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAH000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 9 | 21.1 | 3.42 |
| CB.53.M.C5\_54\_45 | SAMN39640700 | [JBDXAR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAR000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.36 | 10 | 158.5 | 3.48 |
| CI.32.F.D1\_540\_20 | SAMN39640707 | [JBDXAY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAY000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 5.94E+05 | 0.35 | 6 | 30.8 | 3.43 |
| CB.47.M.B5\_56\_41 | SAMN39640730 | [JBDXBV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBV000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 7 | 798.9 | 3.43 |
| LC.08.F.B1\_563\_54 | SAMN39640743 | [JBDXCI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCI000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 1.2 | 4.51E+05 | 0.35 | 8 | 2481.9 | 3.52 |
| LC.102.F.C1\_567\_43 | SAMN39640751 | [JBDXCQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCQ000000000.1/) | *Parasphingorhabdus sp.* | 99.4 | 0.1 | 7.55E+05 | 0.36 | 7 | 657.5 | 3.34 |
| LC.04.F.C4\_573\_119 | SAMN39640758 | [JBDXCX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXCX000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 1108.5 | 3.43 |
| CB.62.F.B1\_58\_8 | SAMN39640769 | [JBDXDI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDI000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.2 | 4.28E+05 | 0.35 | 9 | 4.7 | 3.47 |
| AQ.12.M.C3\_6\_116 | SAMN39640775 | [JBDXDO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDO000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 6 | 4.3 | 3.43 |
| CB.52.F.A2\_60\_38 | SAMN39640786 | [JBDXDZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDZ000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 9 | 12.0 | 3.47 |
| CB.03.F.D2\_62\_48 | SAMN39640795 | [JBDXEI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEI000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 2.7 | 7.55E+05 | 0.35 | 9 | 540.7 | 3.72 |
| AQ.21.M.B6\_64\_34 | SAMN39640804 | [JBDXER000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXER000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.3 | 7.55E+05 | 0.36 | 9 | 942.7 | 3.48 |
| CI.34.F.D1\_65\_22 | SAMN39640811 | [JBDXEY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXEY000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 4.28E+05 | 0.35 | 8 | 96.5 | 3.44 |
| CI.28.F.A3\_66\_21 | SAMN39640815 | [JBDXFC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFC000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 8 | 28.1 | 3.44 |
| CI.52.M.B5\_68\_31 | SAMN39640823 | [JBDXFK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFK000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 9 | 8.0 | 3.48 |
| CB.70.F.D3\_69\_59 | SAMN39640828 | [JBDXFP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXFP000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 4.28E+05 | 0.35 | 9 | 70.0 | 3.43 |
| AQ.08.M.C5\_70\_62 | SAMN39640847 | [JBDXGI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGI000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.35 | 8 | 235.2 | 3.47 |
| CI.52.F.A3\_71\_9 | SAMN39640850 | [JBDXGL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGL000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 1.3 | 3.15E+04 | 0.35 | 178 | 3.5 | 3.52 |
| CI.39.F.B3\_74\_66 | SAMN39640856 | [JBDXGR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGR000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 4.28E+05 | 0.35 | 9 | 181.1 | 3.47 |
| CB.55.F.D4\_76\_16 | SAMN39640862 | [JBDXGX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGX000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 4.28E+05 | 0.35 | 9 | 629.6 | 3.47 |
| CI.32.F.A1\_77\_17 | SAMN39640872 | [JBDXHH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHH000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.2 | 5.93E+05 | 0.35 | 11 | 384.2 | 3.48 |
| AQ.40.F.B6\_8\_37 | SAMN39640880 | [JBDXHP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHP000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.63 | 8 | 3.1 | 3.44 |
| AQ.21.F.C1\_80\_25 | SAMN39640887 | [JBDXHW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXHW000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.63 | 9 | 257.8 | 3.48 |
| CI.43.F.D3\_82\_3 | SAMN39640898 | [JBDXIH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIH000000000.1/) | *Parasphingorhabdus sp.* | 99.6 | 2.1 | 4.04E+05 | 0.63 | 10 | 61.2 | 3.45 |
| AQ.18.F.C1\_83\_12 | SAMN39640901 | [JBDXIK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIK000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.63 | 7 | 486.8 | 3.43 |
| CB.68.F.D4\_84\_15 | SAMN39640909 | [JBDXIS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIS000000000.1/) | *Parasphingorhabdus sp.* | 99.8 | 2.2 | 7.55E+05 | 0.63 | 9 | 8.9 | 3.55 |
| CI.56.F.D2\_86\_29 | SAMN39640918 | [JBDXJB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJB000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.63 | 6 | 5.5 | 3.43 |
| AQ.18.M.A2\_9\_17 | SAMN39640924 | [JBDXJH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJH000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.2 | 7.55E+05 | 0.63 | 7 | 4.9 | 3.47 |
| AQ.18.M.A2\_9\_59 | SAMN39640927 | [JBDXJK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJK000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 1.58E+06 | 0.64 | 9 | 6.7 | 4.96 |
| CI.14.F.D1\_90\_8 | SAMN39640943 | [JBDXKA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKA000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 3.4 | 4.28E+05 | 0.63 | 10 | 306.4 | 3.55 |
| AQ.32.F.A2\_91\_38 | SAMN39640947 | [JBDXKE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKE000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.63 | 8 | 615.5 | 3.47 |
| AQ.12.F.C3\_92\_40 | SAMN39640958 | [JBDXKP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKP000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.64 | 7 | 402.4 | 3.47 |
| CI.03.F.D4\_94\_21 | SAMN39640966 | [JBDXKX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXKX000000000.1/) | *Parasphingorhabdus sp.* | 99.8 | 7.5 | 4.66E+05 | 0.63 | 9 | 65.3 | 3.48 |
| CB.34.M.B6\_95\_15 | SAMN39640971 | [JBDXLC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLC000000000.1/) | *Parasphingorhabdus sp.* | 99.8 | 0.9 | 7.55E+05 | 0.63 | 7 | 11.4 | 3.48 |
| CB.65.F.C3\_98\_19 | SAMN39640988 | [JBDXLT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLT000000000.1/) | *Parasphingorhabdus sp.* | 100.0 | 2.4 | 5.94E+05 | 0.63 | 10 | 113.1 | 3.49 |
| CI.54.F.A1\_99\_14 | SAMN39640993 | [JBDXLY000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLY000000000.1/) | *Parasphingorhabdus sp.* | 99.9 | 0.1 | 7.55E+05 | 0.63 | 8 | 24.3 | 3.47 |
| CB.61.F.B1\_116\_20 | SAMN39639294 | [JBDUYP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYP000000000.1/) | *Cyclobacteriaceae bacterium* | 99.6 | 0.2 | 4.82E+05 | 0.63 | 25 | 41.1 | 5.07 |
| AQ.33.F.A4\_34\_69 | SAMN39640034 | [JBDWBB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBB000000000.1/) | *Cyclobacteriaceae bacterium* | 98.8 | 0.1 | 6.29E+04 | 0.64 | 149 | 17.2 | 4.88 |
| AQ.06.F.A6\_42\_001 | SAMN39640181 | [JBDWGS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWGS000000000.1/) | *Cyclobacteriaceae bacterium* | 99.6 | 1.0 | 2.39E+05 | 0.63 | 76 | 158.8 | 5.10 |
| LC.11.M.A6\_500\_11 | SAMN39640562 | [JBDWVJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVJ000000000.1/) | *Cyclobacteriaceae bacterium* | 100.0 | 0.2 | 1.58E+05 | 0.63 | 60 | 23.4 | 5.13 |
| LC.122.F.C4\_512\_44 | SAMN39640628 | [JBDWXX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXX000000000.1/) | *Cyclobacteriaceae bacterium* | 100.0 | 0.2 | 2.82E+05 | 0.63 | 32 | 120.9 | 5.17 |
| CI.40.F.A2\_529\_76 | SAMN39640679 | [JBDWZW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWZW000000000.1/) | *Cyclobacteriaceae bacterium* | 100.0 | 0.2 | 3.29E+05 | 0.64 | 30 | 309.5 | 5.22 |
| CI.39.F.A3\_536\_86 | SAMN39640695 | [JBDXAM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAM000000000.1/) | *Cyclobacteriaceae bacterium* | 98.6 | 1.9 | 1.81E+05 | 0.63 | 144 | 116.5 | 5.72 |
| CI.32.F.D1\_540\_42 | SAMN39640708 | [JBDXAZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXAZ000000000.1/) | *Cyclobacteriaceae bacterium* | 98.4 | 0.5 | 2.77E+04 | 0.63 | 346 | 582.6 | 5.77 |
| LC.123.F.A2\_558\_69 | SAMN39640724 | [JBDXBP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXBP000000000.1/) | *Cyclobacteriaceae bacterium* | 98.8 | 0.1 | 1.41E+05 | 0.63 | 69 | 62.4 | 5.04 |
| CB.05.F.D2\_97\_32 | SAMN39640981 | [JBDXLM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLM000000000.1/) | *Cyclobacteriaceae bacterium* | 100.0 | 4.3 | 3.20E+05 | 0.63 | 35 | 197.4 | 5.26 |
| CB.34.F.B4\_102\_30 | SAMN39639221 | [JBDUVU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUVU000000000.1/) | *Roseobacter sp.* | 100.0 | 0.2 | 1.90E+05 | 0.64 | 64 | 133.5 | 4.93 |
| CB.69.F.B4\_103\_75 | SAMN39639233 | [JBDUWG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWG000000000.1/) | *Roseobacter sp.* | 100.0 | 0.5 | 1.24E+05 | 0.63 | 281 | 4.1 | 5.71 |
| CI.40.M.A6\_104\_5 | SAMN39639237 | [JBDUWK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWK000000000.1/) | *Roseobacter sp.* | 99.8 | 0.7 | 1.90E+05 | 0.63 | 64 | 70.6 | 4.83 |
| CB.73.F.B2\_105\_58 | SAMN39639244 | [JBDUWR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUWR000000000.1/) | *Roseobacter sp.* | 99.9 | 0.6 | 1.90E+05 | 0.63 | 87 | 66.4 | 5.20 |
| CI.27.F.A2\_106\_44 | SAMN39639255 | [JBDUXC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXC000000000.1/) | *Roseobacter sp.* | 100.0 | 3.1 | 1.78E+05 | 0.64 | 96 | 16.7 | 5.00 |
| CB.59.F.A3\_113\_34 | SAMN39639272 | [JBDUXT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXT000000000.1/) | *Roseobacter sp.* | 100.0 | 0.1 | 1.90E+05 | 0.64 | 62 | 43.0 | 4.87 |
| CB.66.F.B1\_115\_49 | SAMN39639285 | [JBDUYG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYG000000000.1/) | *Roseobacter sp.* | 99.8 | 3.4 | 1.85E+05 | 0.64 | 63 | 16.3 | 5.06 |
| CB.61.F.B1\_116\_18 | SAMN39639293 | [JBDUYO000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYO000000000.1/) | *Roseobacter sp.* | 100.0 | 0.1 | 1.90E+05 | 0.64 | 59 | 73.3 | 4.88 |
| CB.43.F.B2\_119\_46 | SAMN39639313 | [JBDUZI000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZI000000000.1/) | *Roseobacter sp.* | 100.0 | 0.2 | 6.47E+04 | 0.64 | 142 | 10.6 | 4.93 |
| CB.51.F.C3\_134\_39 | SAMN39639410 | [JBDVDB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDB000000000.1/) | *Roseobacter sp.* | 97.5 | 0.5 | 3.57E+04 | 0.63 | 223 | 9.0 | 4.66 |
| CB.54.F.C2\_137\_104 | SAMN39639419 | [JBDVDK000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDK000000000.1/) | *Roseobacter sp.* | 100.0 | 0.1 | 1.85E+05 | 0.63 | 59 | 190.9 | 4.88 |
| CB.37.F.D4\_140\_23 | SAMN39639458 | [JBDVEX000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEX000000000.1/) | *Roseobacter sp.* | 100.0 | 0.2 | 1.90E+05 | 0.63 | 60 | 48.0 | 4.88 |
| CB.04.F.A3\_155\_6 | SAMN39639506 | [JBDVGT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVGT000000000.1/) | *Roseobacter sp.* | 100.0 | 6.9 | 1.85E+05 | 0.63 | 92 | 44.3 | 5.27 |
| AQ.62.F.A5\_17\_33 | SAMN39639585 | [JBDVJU000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVJU000000000.1/) | *Roseobacter sp.* | 100.0 | 4.8 | 1.44E+05 | 0.66 | 73 | 26.3 | 5.13 |
| CB.60.F.D1\_21\_44 | SAMN39639751 | [JBDVQE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQE000000000.1/) | *Roseobacter sp.* | 95.0 | 6.3 | 1.85E+05 | 0.66 | 72 | 74.7 | 5.07 |
| AQ.40.F.A1\_26\_54 | SAMN39639914 | [JBDVWL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVWL000000000.1/) | *Roseobacter sp.* | 98.6 | 2.0 | 8.27E+04 | 0.66 | 101 | 12.5 | 4.75 |
| AQ.15.M.B6\_50\_48 | SAMN39640553 | [JBDWVA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVA000000000.1/) | *Roseobacter sp.* | 94.1 | 1.8 | 5.08E+04 | 0.65 | 149 | 8.1 | 4.61 |
| CI.40.F.D2\_503\_100 | SAMN39640568 | [JBDWVP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWVP000000000.1/) | *Roseobacter sp.* | 100.0 | 0.1 | 1.85E+05 | 0.65 | 66 | 180.5 | 4.91 |
| CB.74.F.B4\_51\_45 | SAMN39640605 | [JBDWXA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWXA000000000.1/) | *Roseobacter sp.* | 100.0 | 8.3 | 1.39E+05 | 0.66 | 118 | 7.1 | 5.64 |
| CB.62.F.B1\_58\_008 | SAMN39640772 | [JBDXDL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXDL000000000.1/) | *Roseobacter sp.* | 100.0 | 3.8 | 1.38E+05 | 0.53 | 602 | 3.3 | 5.80 |
| AQ.21.F.C1\_80\_78 | SAMN39640892 | [JBDXIB000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIB000000000.1/) | *Roseobacter sp.* | 100.0 | 0.7 | 1.90E+05 | 0.53 | 65 | 331.1 | 4.89 |
| CI.56.F.D2\_86\_9 | SAMN39640922 | [JBDXJF000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJF000000000.1/) | *Roseobacter sp.* | 99.7 | 0.2 | 1.90E+05 | 0.53 | 68 | 3.2 | 4.88 |
| CB.05.F.D2\_97\_53 | SAMN39640985 | [JBDXLQ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXLQ000000000.1/) | *Roseobacter sp.* | 99.8 | 0.6 | 2.29E+04 | 0.59 | 296 | 9.3 | 4.87 |
| CB.59.F.A3\_113\_47 | SAMN39639275 | [JBDUXW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXW000000000.1/) | *Reichenbachiella sp.* | 98.6 | 0.1 | 6.47E+05 | 0.59 | 29 | 18.3 | 6.14 |
| CB.61.F.B1\_116\_15 | SAMN39639292 | [JBDUYN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYN000000000.1/) | *Reichenbachiella sp.* | 99.0 | 0.2 | 6.73E+05 | 0.59 | 22 | 32.6 | 6.23 |
| CB.43.F.B2\_119\_40 | SAMN39639312 | [JBDUZH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUZH000000000.1/) | *Reichenbachiella sp.* | 99.0 | 0.1 | 6.62E+05 | 0.59 | 23 | 40.8 | 6.21 |
| CB.10.F.C1\_120\_50 | SAMN39639344 | [JBDVAN000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAN000000000.1/) | *Reichenbachiella sp.* | 99.0 | 0.1 | 3.72E+05 | 0.62 | 33 | 4.4 | 6.21 |
| CB.42.M.D5\_127\_65 | SAMN39639379 | [JBDVBW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVBW000000000.1/) | *Reichenbachiella sp.* | 98.3 | 0.1 | 3.59E+05 | 0.56 | 48 | 14.0 | 6.11 |
| CB.35.M.A6\_128\_51 | SAMN39639387 | [JBDVCE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVCE000000000.1/) | *Reichenbachiella sp.* | 98.6 | 0.1 | 6.43E+05 | 0.56 | 22 | 28.9 | 6.12 |
| CB.02.M.C5\_139\_46 | SAMN39639435 | [JBDVEA000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEA000000000.1/) | *Reichenbachiella sp.* | 99.0 | 0.1 | 6.62E+05 | 0.56 | 23 | 24.9 | 6.21 |
| CB.37.F.D4\_140\_21 | SAMN39639457 | [JBDVEW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEW000000000.1/) | *Reichenbachiella sp.* | 98.6 | 0.1 | 6.71E+05 | 0.56 | 25 | 39.3 | 6.20 |
| LC.109.F.C4\_184\_100 | SAMN39639660 | [JBDVMR000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVMR000000000.1/) | *Reichenbachiella sp.* | 98.1 | 0.3 | 1.62E+04 | 0.56 | 490 | 13.6 | 5.85 |
| LC.05.F.A2\_232\_4 | SAMN39639836 | [JBDVTL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTL000000000.1/) | *Reichenbachiella sp.* | 96.9 | 2.6 | 2.25E+04 | 0.54 | 414 | 8.3 | 6.04 |
| CB.57.F.B3\_234\_27 | SAMN39639846 | [JBDVTV000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVTV000000000.1/) | *Reichenbachiella sp.* | 98.3 | 0.1 | 7.04E+04 | 0.54 | 153 | 13.0 | 6.16 |
| LC.111.F.C3\_358\_65 | SAMN39640045 | [JBDWBM000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWBM000000000.1/) | *Reichenbachiella sp.* | 99.3 | 0.3 | 1.24E+05 | 0.54 | 115 | 45.3 | 6.24 |
| CB.41.F.D1\_109\_43 | SAMN39639262 | [JBDUXJ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXJ000000000.1/) | *Nisaea sp.* | 99.4 | 1.5 | 3.67E+05 | 0.54 | 42 | 16.3 | 5.01 |
| CB.66.F.B1\_115\_42 | SAMN39639282 | [JBDUYD000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYD000000000.1/) | *Nisaea sp.* | 99.3 | 0.1 | 7.19E+05 | 0.54 | 36 | 16.4 | 4.85 |
| CB.54.F.C2\_137\_001 | SAMN39639428 | [JBDVDT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVDT000000000.1/) | *Nisaea sp.* | 98.5 | 6.9 | 2.32E+04 | 0.54 | 679 | 6.9 | 5.54 |
| CB.02.M.C5\_139\_50 | SAMN39639437 | [JBDVEC000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVEC000000000.1/) | *Nisaea sp.* | 99.3 | 6.9 | 1.32E+05 | 0.54 | 239 | 5.5 | 5.79 |
| LC.09.F.B3\_212\_116 | SAMN39639758 | [JBDVQL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVQL000000000.1/) | *Nisaea sp.* | 99.7 | 1.1 | 4.47E+05 | 0.54 | 94 | 13.8 | 5.34 |
| LC.173.F.D1\_294\_40 | SAMN39639959 | [JBDVYE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVYE000000000.1/) | *Nisaea sp.* | 99.3 | 1.4 | 2.61E+05 | 0.55 | 45 | 19.0 | 4.92 |
| CI.26.M.D5\_445\_103 | SAMN39640304 | [JBDWLL000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWLL000000000.1/) | *Nisaea sp.* | 99.5 | 5.2 | 1.38E+05 | 0.54 | 85 | 12.7 | 5.14 |
| CI.22.F.D2\_448\_5 | SAMN39640326 | [JBDWMH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWMH000000000.1/) | *Nisaea sp.* | 95.2 | 5.0 | 1.81E+05 | 0.55 | 52 | 37.9 | 4.81 |
| CI.11.F.A3\_462\_52 | SAMN39640412 | [JBDWPP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWPP000000000.1/) | *Nisaea sp.* | 99.2 | 6.2 | 7.80E+04 | 0.51 | 162 | 5.6 | 5.72 |
| LC.02.F.D2\_507\_88 | SAMN39640598 | [JBDWWT000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDWWT000000000.1/) | *Nisaea sp.* | 99.8 | 4.8 | 5.23E+05 | 0.51 | 63 | 29.7 | 5.48 |
| AQ.08.M.C5\_70\_35 | SAMN39640845 | [JBDXGG000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXGG000000000.1/) | *Nisaea sp.* | 99.4 | 0.2 | 6.18E+05 | 0.51 | 26 | 9.1 | 4.99 |
| AQ.21.F.C1\_80\_006 | SAMN39640895 | [JBDXIE000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXIE000000000.1/) | *Nisaea sp.* | 91.7 | 4.5 | 5.43E+03 | 0.41 | 1014 | 5.1 | 4.12 |
| CI.14.F.D1\_90\_44 | SAMN39640939 | [JBDXJW000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXJW000000000.1/) | *Nisaea sp.* | 99.3 | 0.7 | 6.18E+05 | 0.63 | 50 | 30.1 | 5.22 |
| CI.54.F.A1\_99\_9 | SAMN39641002 | [JBDXMH000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDXMH000000000.1/) | *Nisaea sp.* | 99.3 | 1.1 | 6.18E+05 | 0.64 | 38 | 2.9 | 5.20 |
| CB.66.F.B1\_115\_25 | SAMN39639278 | [JBDUXZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXZ000000000.1/) | *Rhodothermales bacterium* | 97.9 | 2.6 | 2.24E+05 | 0.64 | 41 | 454.3 | 4.60 |
| CB.59.F.A3\_113\_16 | SAMN39639268 | [JBDUXP000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUXP000000000.1/) | *Dokdonia sp.* | 100.0 | 0.1 | 3.77E+05 | 0.64 | 31 | 47.3 | 5.32 |
| CB.61.F.B1\_116\_28 | SAMN39639297 | [JBDUYS000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDUYS000000000.1/) | *Dokdonia sp.* | 100.0 | 0.1 | 3.71E+05 | 0.64 | 27 | 24.0 | 5.30 |
| CB.31.M.D5\_123\_23 | SAMN39639356 | [JBDVAZ000000000](https://www.ncbi.nlm.nih.gov/nuccore/JBDVAZ000000000.1/) | *Dokdonia sp.* | 100.0 | 0.3 | 2.05E+05 | 0.64 | 65 | 12.5 | 5.31 |