Supplementary materials for:

Fungal community analysis in the seawater of the Mariana Trench as estimated by Illumina HiSeq

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## Supplementary Table S1. Read counts of OTUs in different sampled sites.

| OTUs | M1.1 | M1.2 | M1.3 | M1.4 | M3.1 | M3.2 | M3.3 | M3.4 | M4.2 | M4.3 | M4.4 | M7.1 | M7.2 | M7.3 | Total number |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------|
| OTU1 | 13714 | 398 | 5405 | 671 | 11004 | 3286 | 3452 | 349 | 3560 | 2537 | 383 | 2629 | 3203 | 51204 |
| OTU2 | 6477 | 2203 | 2188 | 1048 | 2225 | 1722 | 235 | 1270 | 2564 | 5258 | 7149 | 7131 | 3606 | 43089 |
| OTU3 | 165 | 39 | 13084 | 37 | 81 | 11 | 11 | 2 | 176 | 289 | 4 | 2102 | 16021 |
| OTU4 | 642 | 4347 | 439 | 514 | 638 | 191 | 170 | 179 | 0 | 1969 | 570 | 678 | 0 | 10348 |
| OTU5 | 28 | 13 | 4806 | 7 | 44 | 151 | 10 | 620 | 3 | 193 | 38 | 9 | 55 | 5990 |
| OTU6 | 75 | 1745 | 42 | 322 | 196 | 19 | 22 | 24 | 12 | 543 | 48 | 132 | 1 | 3194 |
| OTU7 | 38 | 34 | 991 | 12 | 660 | 12 | 170 | 11 | 1051 | 42 | 49 | 23 | 42 | 3148 |
| OTU8 | 2 | 52 | 1 | 3 | 12 | 2 | 0 | 0 | 10 | 1 | 5 | 2848 | 10 | 2957 |
| OTU9 | 35 | 67 | 12 | 15 | 22 | 10 | 6 | 5 | 27 | 894 | 264 | 974 | 23 | 2367 |
| OTU10 | 404 | 124 | 982 | 116 | 1488 | 217 | 28 | 91 | 259 | 487 | 378 | 41 | 25 | 4653 |
| OTU11 | 95 | 27 | 11 | 67 | 148 | 42 | 5 | 260 | 1384 | 328 | 79 | 921 | 30 | 3410 |
| OTU12 | 84 | 8 | 834 | 3 | 45 | 3 | 4 | 317 | 47 | 101 | 31 | 2 | 24 | 1516 |
| OTU13 | 587 | 5 | 7 | 7 | 9 | 5 | 3 | 2 | 0 | 9 | 7 | 0 | 0 | 651 |
| OTU14 | 42 | 9 | 4 | 22 | 179 | 4 | 7 | 5 | 5 | 331 | 187 | 0 | 0 | 806 |
| OTU15 | 46 | 9 | 5 | 5 | 154 | 4 | 4 | 4 | 4 | 192 | 142 | 0 | 0 | 580 |
| OTU16 | 82 | 5 | 45 | 5 | 33 | 5 | 0 | 2 | 1 | 322 | 14 | 0 | 1 | 526 |
| OTU17 | 32 | 4 | 5 | 5 | 96 | 3 | 4 | 3 | 1 | 210 | 86 | 0 | 0 | 460 |
| OTU18 | 28 | 1 | 4 | 2 | 2 | 1 | 2 | 0 | 1 | 0 | 2 | 1 | 238 | 293 |
| OTU19 | 7 | 32 | 56 | 57 | 6 | 2 | 2 | 3 | 0 | 247 | 8 | 9 | 0 | 440 |
| OTU20 | 3 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 244 | 0 | 1 | 9 | 0 | 0 | 272 |
| OTU21 | 1 | 1 | 1 | 0 | 2 | 0 | 4 | 231 | 0 | 0 | 1 | 0 | 0 | 249 |
| OTU22 | 17 | 9 | 5 | 1 | 60 | 15 | 0 | 1 | 1 | 111 | 76 | 2 | 2 | 312 |
| OTU23 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 209 | 1 | 1 | 220 |
| OTU24 | 1 | 5 | 6 | 1 | 8 | 1 | 3 | 0 | 1 | 179 | 18 | 1 | 0 | 235 |
| OTU25 | 3 | 1 | 1 | 1 | 2 | 194 | 1 | 1 | 0 | 0 | 5 | 0 | 0 | 218 |
| OTU26 | 10 | 2 | 137 | 0 | 4 | 2 | 1 | 0 | 1 | 35 | 29 | 1 | 5 | 238 |
| OTU27 | 36 | 20 | 95 | 4 | 18 | 3 | 2 | 7 | 0 | 9 | 18 | 0 | 41 | 261 |
| OTU28 | 3 | 3 | 2 | 1 | 2 | 1 | 2 | 0 | 0 | 157 | 5 | 0 | 0 | 186 |
| OTU29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79 | 0 | 0 | 27 | 192 |
| OTU30 | 164 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 6 | 0 | 0 | 185 |
| OTU31 | 17 | 16 | 68 | 11 | 21 | 7 | 9 | 3 | 0 | 8 | 7 | 0 | 22 | 200 |
| OTU32 | 44 | 6 | 33 | 6 | 18 | 2 | 8 | 4 | 1 | 46 | 16 | 0 | 4 | 158 |
| OTU33 | 50 | 34 | 654 | 5 | 67 | 64 | 5 | 2 | 9 | 511 | 99 | 812 | 20 | 2345 |
| OTU34 | 25 | 182 | 113 | 21 | 102 | 5 | 5 | 11 | 71 | 350 | 43 | 35 | 2 | 978 |
| OTU35 | 3 | 4 | 5 | 1 | 126 | 2 | 0 | 1 | 8 | 2 | 3 | 0 | 0 | 165 |
| OTU36 | 5 | 3 | 58 | 0 | 16 | 0 | 3 | 2 | 1 | 7 | 9 | 0 | 14 | 128 |
| OTU37 | 19 | 3 | 1 | 0 | 26 | 3 | 0 | 0 | 0 | 10 | 33 | 2 | 1 | 107 |
| OTU38 | 16 | 15 | 11 | 30 | 29 | 1 | 4 | 4 | 0 | 38 | 44 | 1 | 0 | 204 |
| OTU39 | 74 | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 91 |
| OTU40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 40 | 12 | 69 |
| OTU41 | 9  | 3  | 0  | 0  | 2  | 2  | 0  | 0  | 0  | 0  | 66  | 0  | 0  | 87  |
| OTU42 | 50 | 8  | 2  | 2  | 20 | 15 | 1  | 0  | 0  | 27 | 23  | 1  | 0  | 159 |
| OTU43 | 58 | 3  | 0  | 0  | 1  | 0  | 2  | 1  | 0  | 48 | 1  | 1  | 0  | 123 |
| OTU44 | 48 | 0  | 0  | 0  | 50 | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 108 |
| OTU45 | 3  | 1  | 61 | 0  | 0  | 0  | 1  | 0  | 0  | 3  | 1  | 0  | 0  | 76  |
| OTU46 | 1  | 1  | 14 | 3  | 0  | 1  | 0  | 0  | 0  | 23 | 5  | 0  | 0  | 55  |
| OTU47 | 4  | 1  | 1  | 0  | 3  | 1  | 0  | 0  | 0  | 2  | 32 | 0  | 1  | 53  |
| OTU48 | 1  | 0  | 0  | 2  | 0  | 0  | 0  | 0  | 31 | 4  | 0  | 0  | 0  | 42  |
| OTU49 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 38 | 0  | 0  | 0  | 41  |
| OTU50 | 3  | 4  | 0  | 2  | 1  | 1  | 2  | 5  | 0  | 8  | 6  | 0  | 0  | 41  |
| OTU51 | 13 | 2  | 0  | 0  | 8  | 0  | 0  | 0  | 3  | 0  | 0  | 2  | 0  | 33  |
| OTU52 | 13 | 7  | 8  | 2  | 44 | 61 | 5  | 70 | 4  | 67 | 116 | 0  | 0  | 408 |
| OTU53 | 2  | 2  | 6  | 3  | 11 | 1  | 0  | 2  | 0  | 12 | 33  | 0  | 0  | 81  |
| OTU54 | 6  | 1  | 1  | 0  | 15 | 0  | 0  | 1  | 1  | 23 | 1  | 3  | 0  | 61  |
| OTU55 | 9  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 0  | 0  | 2  | 6  | 23  |
| OTU56 | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 13 | 0  | 0  | 0  | 18  |
| OTU57 | 277 | 539 | 2297 | 120 | 8768 | 303 | 2022 | 4085 | 4589 | 3558 | 550 | 115 | 56 | 27292 |
| OTU58 | 1  | 0  | 0  | 19 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 1  | 0  | 26  |
| OTU59 | 2  | 0  | 1  | 0  | 5  | 0  | 0  | 2  | 1  | 0  | 1  | 0  | 0  | 18  |
| OTU60 | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 14 | 0  | 0  | 0  | 21  |
| OTU61 | 0  | 0  | 0  | 2  | 0  | 0  | 0  | 0  | 4  | 16 | 0  | 0  | 0  | 25  |
| OTU62 | 0  | 0  | 1  | 0  | 12 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 17  |
| OTU63 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 15 | 0  | 1  | 22  |
| OTU64 | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 10 | 0  | 0  | 19  |
| OTU65 | 0  | 1  | 0  | 0  | 7  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 10  |
| OTU66 | 0  | 1  | 0  | 12 | 4  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 20  |
| OTU67 | 0  | 2  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 13 | 0  | 0  | 0  | 21  |
| OTU68 | 1913 | 224 | 256 | 192 | 1701 | 1154 | 47 | 57 | 135 | 3246 | 4277 | 1472 | 4275 | 18962 |
| OTU69 | 0  | 0  | 0  | 4  | 0  | 0  | 0  | 0  | 0  | 0  | 5  | 0  | 0  | 16  |
| OTU70 | 0  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 2  | 0  | 0  | 0  | 11  |
| OTU71 | 0  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 5  | 0  | 0  | 0  | 10  |
| OTU72 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 4  | 0  | 0  | 7   |
| OTU73 | 1  | 0  | 0  | 0  | 3  | 0  | 1  | 2  | 1  | 2  | 1  | 0  | 0  | 18  |
| OTU74 | 0  | 0  | 0  | 0  | 3  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 5   |
| OTU75 | 0  | 3  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 4   |
| OTU76 | 0  | 0  | 1  | 0  | 1  | 0  | 0  | 0  | 2  | 1  | 0  | 0  | 9   |
| OTU77 | 0  | 1  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 6   |
| OTU78 | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 3  | 0  | 0  | 9   |
| OTU79 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 2  | 1  | 1  | 0  | 0  | 9   |
| OTU80 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 2   |
| OTU81 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 4   |
| OTU82 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 2  | 0  | 0  | 0  | 1  | 7   |
| OTU83 | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 4   |
| OTU84 | 18   | 31   | 9    | 11   | 16   | 4    | 5    | 2    | 0    | 20   | 20   | 1    | 0    | 148  |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| OTU85 | 15   | 0    | 1    | 0    | 17   | 0    | 0    | 1    | 9    | 304  | 15   | 17   | 3    | 391  |
| OTU86 | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    |
| OTU87 | 0    | 0    | 0    | 0    | 3    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 6    |
| OTU88 | 20   | 11   | 469  | 50   | 44   | 3    | 4    | 1    | 3    | 379  | 72   | 1    | 4    | 1074 |
| OTU89 | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 4    |
| OTU90 | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    |
| OTU91 | 140  | 38   | 117  | 32   | 183  | 15   | 8    | 13   | 574  | 181  | 130  | 16   | 8    | 1604 |
| Total number | 25686 | 10327 | 33351 | 3469 | 29133 | 7688 | 6282 | 7911 | 14448 | 23251 | 15613 | 18164 | 13872 | 209880 |
### Supplementary Table S2. Information of OTUs annotation.

| OTUs  | Kindom   | Phylum             | Class             | Order       | Family          | Genus          | Length (bp) | Similarity (%) |
|-------|----------|-------------------|-------------------|-------------|-----------------|----------------|-------------|----------------|
| OTU1  | Fungi    | Ascomycota        | Sordariomycetes   | Hypocreales | Cordycipitaceae | Unidentified   | 306         | 91             |
| OTU2  | Fungi    | Basidiomycota     | Malasseziomyctea  | Malasseziace | Malassezia      |                | 297         | 100            |
| OTU3  | Fungi    | Ascomycota        | Dothideomycetes   | Pleosporales | Pleosporaceae   | Cochliobolus   | 305         | 64             |
| OTU4  | Fungi    | Ascomycota        | Saccharomycetes   | Saccharomycetaceae | Yamadazya     |                | 300         | 69             |
| OTU5  | Fungi    | Ascomycota        | Unidentified      | Unidentified | Unidentified    | Unidentified   | 306         | 100            |
| OTU6  | Fungi    | Ascomycota        | Sordariomycetes   | Hypocreales | incertae        | Emericellipsis | 306         | 88             |
| OTU7  | Fungi    | Ascomycota        | Eurotiomycetes    | Chaetothyriales | Unidentified | Unidentified   | 305         | 82             |
| OTU8  | Fungi    | Basidiomycota     | Exobasidiomycetes | Entylomatales | incertae       | Tilletopsis   | 306         | 100            |
| OTU9  | Fungi    | Ascomycota        | Saccharomycetes   | Wickerhamomycetaceae | Wickerhamomycys |                | 298         | 100            |
| OTU10 | Fungi    | Ascomycota        | Eurotiomycetes    | Eurotiales   | Trichocomaecae  | Aspergillus     | 305         | 99             |
| OTU11 | Fungi    | Ascomycota        | Dothideomycetes   | Capnodiales  | Davidiellaceae  | Cladosporium   | 306         | 97             |
| OTU12 | Fungi    | Ascomycota        | Eurotiomycetes    | Eurotiales   | Trichocomaecae  | Talaromyces    | 306         | 100            |
| OTU13 | Fungi    | Basidiomycota     | Microbotryomycetes| Sporidiobolales | Sporidiobolaceae | Sporidiobolus | 308         | 97             |
| OTU14 | Fungi    | Basidiomycota     | Microbotryomycetes| Sporidiobolales | Sporidiobolaceae | Rhodotorula | 308         | 69             |
| OTU15 | Fungi    | Ascomycota        | Saccharomycetes   | Saccharomycetales | Unidentified    | Candida        | 293         | 100            |
| OTU16 | Fungi    | Ascomycota        | Unidentified      | Unidentified | Unidentified    | Unidentified   | 305         | 100            |
| OTU17 | Fungi    | Basidiomycota     | Cystobasidiomycetes| Cystobasidiales | Cystobasidiaeace | Cystobasidium | 309         | 100            |
| OTU18 | Fungi    | Basidiomycota     | Ustilaginomycetes | Ustilaginales | Unidentified    | Unidentified   | 300         | 99             |
| OTU19 | Fungi    | Ascomycota        | Unidentified      | Unidentified | Unidentified    | Unidentified   | 308         | 98             |
| OTU20 | Fungi    | Basidiomycota     | Agaricomycetes    | Unidentified | Unidentified    | Unidentified   | 307         | 96             |
| OTU21 | Fungi    | Basidiomycota     | Agaricomycetes    | Unidentified | Unidentified    | Unidentified   | 306         | 98             |
| OTU   | Domain | Kingdom   | Phylum          | Class             | Order                  | Family          | Genus          | Relative Abundance | Taxonomy                      | Relative Abundance |
|-------|--------|-----------|----------------|-------------------|------------------------|----------------|----------------|-------------------|-------------------------------|-------------------|
| OTU22 | Fungi  | Basidiomycota | Malasseziomycetes | Malasseziales | Malasseziaceae | Malassezia    | OTU22          | 301                |                                | 100               |
| OTU23 | Fungi  | Ascomycota  | Leotiomyctes    | Thelebolales      | Unidentified      | Unidentified  | OTU23          | 306                |                                | 99                |
| OTU24 | Fungi  | Ascomycota  | Dothideomyctes  | Venturiales       | Sympoventuriaceae | Ochroconis    | OTU24          | 306                |                                | 86                |
| OTU25 | Fungi  | Basidiomycota | Agaricomycetes | Agaricales        | Schizophyllaceae  | Schizophyllum  | OTU25          | 306                |                                | 88                |
| OTU26 | Fungi  | Basidiomycota | Tremellomyctes  | Tremellales       | Tremellaceae      | Cryptococcus  | OTU26          | 306                |                                | 94                |
| OTU27 | Fungi  | Basidiomycota | Tremellomyctes  | Tremellales       | Tremellaceae      | Cryptococcus  | OTU27          | 306                |                                | 69                |
| OTU28 | Fungi  | Basidiomycota | Cystobasidiomyctes | Erythrobasidiales | Erythrobasidiaceae | Erythrobasidium | OTU28          | 306                |                                | 100               |
| OTU29 | Fungi  | Unidentified | Unidentified    | Unidentified      | Unidentified      | Unidentified  | OTU29          | 306                |                                | 100               |
| OTU30 | Fungi  | Basidiomycota | Agaricostilbomyctes | Agaricostilbales | Kondoaceae        | Kondo          | OTU30          | 314                |                                | 65                |
| OTU31 | Fungi  | Glomeromycota | Glomeromyctes   | Glomerales        | Unidentified      | Unidentified  | OTU31          | 307                |                                | 97                |
| OTU32 | Fungi  | Basidiomycota | Walllemiomyctes | Walllemiales      | Walllemiaceae     | Walllemia      | OTU32          | 302                |                                | 100               |
| OTU33 | Fungi  | Ascomycota  | Dothideomyctes  | Capnodiales       | Teratosphaeriaceae | Hortaea        | OTU33          | 307                |                                | 83                |
| OTU34 | Fungi  | Ascomycota  | Sordariomyctes  | Hypocreales       | incertae          | Sarocladium    | OTU34          | 306                |                                | 96                |
| OTU35 | Fungi  | Ascomycota  | Saccharomyctes  | Saccharomycetales | Unidentified      | Unidentified  | OTU35          | 303                |                                | 100               |
| OTU36 | Fungi  | Ascomycota  | Eurotiomyctes   | Chaetothyriales   | Chaetothyriaceae  | Cyphellophora  | OTU36          | 305                |                                | 93                |
| OTU37 | Fungi  | Ascomycota  | Saccharomyctes  | Saccharomycetales | Debaryomycetae   | Candida        | OTU37          | 292                |                                | 100               |
| OTU38 | Fungi  | Ascomycota  | Saccharomyctes  | Saccharomycetales | Lophiostomataceae | Lophiostoma    | OTU38          | 241                |                                | 100               |
| OTU39 | Fungi  | Ascomycota  | Dothideomyctes  | Pleosporales      | Lophiostomataceae | Lophiostoma    | OTU39          | 306                |                                | 85                |
| OTU40 | Fungi  | Ascomycota  | Saccharomyctes  | Saccharomycetales | Saccharomycetales | Pichia         | OTU40          | 286                |                                | 100               |
| OTU41 | Fungi  | Basidiomycota | Microbotryomyctes | Sporidiobolales   | Unidentified      | Unidentified  | OTU41          | 308                |                                | 100               |
| OTU42 | Fungi  | Ascomycota  | Saccharomyctes  | Saccharomycetales | Debaryomycetae   | Candida        | OTU42          | 304                |                                | 68                |
| OTU43 | Fungi  | Basidiomycota | Microbotryomyctes | Sporidiobolales   | Sporidiobolaceae  | Rhodotorula    | OTU43          | 308                |                                | 94                |
| OTU44 | Fungi  | Basidiomycota | Agaricomycetes  | Polysporales      | Meruliaceae       | Ceriporia      | OTU44          | 306                |                                | 100               |
| OTU45 | Fungi  | Cryptomycota | Unidentified    | Unidentified      | Unidentified      | Unidentified  | OTU45          | 292                |                                | 100               |
| OTU46 | Fungi  | Ascomycota  | Sordariomyctes  | Sordariales       | Sordariaceae      | Neurospora     | OTU46          | 306                |                                | 96                |
| OTU   | Fungi      | Phylum          | Class              | Order                  | Family               | Genus          | TaxID | Similarity |
|-------|------------|-----------------|--------------------|------------------------|----------------------|----------------|-------|------------|
| OTU47 | Fungi      | Basidiomycota   | Malasseziomycetes  | Malasseziales          | Malasseziaceae       | Malassezia     | 297   | 99         |
| OTU48 | Fungi      | Basidiomycota   | Microbotryomycetes | Sporidiobolales        | Sporidiobolaceae     | Sporobolomyces | 310   | 67         |
| OTU49 | Fungi      | Basidiomycota   | Moniliellomycetes  | Moniliellales          | Moniliellaceae       | Moniliella     | 313   | 100        |
| OTU50 | Fungi      | Ascomycota      | Saccharomycetes    | Saccharomycetales      | Debaryomycetaceae    | Candida        | 305   | 87         |
| OTU51 | Fungi      | Unidentified    | Unidentified       | Unidentified           | Unidentified         | Unidentified   | 302   | 83         |
| OTU52 | Fungi      | Ascomycota      | Eurotiomycetes     | Eurotiolales           | Unidentified         | Unidentified   | 304   | 100        |
| OTU53 | Fungi      | Ascomycota      | Dothideomycetes    | Pleosporales           | Unidentified         | Unidentified   | 304   | 96         |
| OTU54 | Fungi      | Basidiomycota   | Microbotryomycetes | Sporidiobolaceae       | Sakaguchiaceae       | Sakaguchia     | 309   | 100        |
| OTU55 | Fungi      | Basidiomycota   | Exobasidiomycetes  | Exobasidiales          | Unidentified         | Unidentified   | 315   | 100        |
| OTU56 | Fungi      | Ascomycota      | Sordariomycetes    | Sordariales            | Unidentified         | Unidentified   | 306   | 79         |
| OTU57 | Fungi      | Ascomycota      | Unidentified       | Unidentified           | Unidentified         | Unidentified   | 306   | 100        |
| OTU58 | Fungi      | Basidiomycota   | Exobasidiomycetes  | Exobasidiales          | Unidentified         | Exobasidium    | 315   | 99         |
| OTU59 | Fungi      | Chytridiomycota | Chytridiomycetes   | Unidentified           | Unidentified         | Unidentified   | 307   | 88         |
| OTU60 | Fungi      | Ascomycota      | Sordariomycetes    | Hypocreomycetidae      | Glomerellales        | Sodiomyces     | 308   | 83         |
| OTU61 | Fungi      | Basidiomycota   | Agaricostilbomycetes | Agaricostilbales     | Agaricostilbaceae    | Agaricostilbum | 311   | 95         |
| OTU62 | Fungi      | Ascomycota      | Pezizomycetes      | Pezizales              | Unidentified         | Unidentified   | 306   | 97         |
| OTU63 | Fungi      | Basidiomycota   | Exobasidiomycetes  | Entylomatales          | incertae             | Tilletiopsis   | 306   | 93         |
| OTU64 | Fungi      | Ascomycota      | Saccharomycetes    | Saccharomycetales      | Saccharomycetaceae   | Saccharomyces  | 305   | 100        |
| OTU65 | Fungi      | Basidiomycota   | Tremellomycetes    | Tremellales            | Unidentified         | Unidentified   | 306   | 100        |
| OTU66 | Fungi      | Ascomycota      | Saccharomycetes    | Saccharomycetales      | Debaromyctaceae      | Candida        | 304   | 100        |
| OTU67 | Fungi      | Basidiomycota   | Microbotryomycetes | Sporidiobolales        | Sporidiobolaceae     | Sporobolus     | 308   | 84         |
| OTU68 | Fungi      | Basidiomycota   | Malasseziomycetes  | Malasseziales          | Malasseziales        | Malassezia     | 297   | 79         |
| OTU69 | Fungi      | Basidiomycota   | Tremellomycetes    | Tremellales            | Tremellaceae         | Cryptococcus   | 306   | 85         |
| OTU70 | Fungi      | Basidiomycota   | Wallemiomycetes    | Wallemiales            | Wallemiaceae         | Wallemia       | 303   | 70         |
| OTU    | Kingdom | Phylum          | Class        | Order        | Family          | Genus     | Percentage |
|--------|---------|-----------------|--------------|--------------|-----------------|-----------|------------|
| OTU71  | Fungi   | Ascomycota      | Dothideomycetes | Pleosporales | Trematosphaeriaceae | Trematosphaeria | 305 | 100 |
| OTU72  | Fungi   | Basidiomycota   | Malasseziomycetes | Malasseziales | Malasseziaceae | Malassezia | 297 | 77 |
| OTU73  | Fungi   | Ascomycota      | Sordariomycetes | Hypocreales | incertae | Acremonium | 306 | 88 |
| OTU74  | Fungi   | Ascomycota      | Sordariomycetes | Hypocreales | Unidentified | Unidentified | 302 | 87 |
| OTU75  | Fungi   | Ascomycota      | Saccharomycetes | Saccharomycetales | Saccharomycopsis | Saccharomycopsis | 311 | 100 |
| OTU76  | Fungi   | Basidiomycota   | Agaricomycetes | Agaricales | Omphalotaceae | Gymnopus | 306 | 89 |
| OTU77  | Fungi   | incertae        | Mucoromycetes | Mucorales | Mucorineae | Mucor | 314 | 100 |
| OTU78  | Fungi   | Basidiomycota   | Tremellomycetes | Tremellales | Trichosporonaceae | Trichosporon | 306 | 100 |
| OTU79  | Fungi   | Chytridiomycota | Chytridiomycetes | Unidentified | Unidentified | Unidentified | 306 | 1000 |
| OTU80  | Fungi   | Ascomycota      | Saccharomycetes | Saccharomycetales | Debaromyctaceae | Candida | 274 | 99 |
| OTU81  | Fungi   | Chytridiomycota | Chytridiomycetes | Unidentified | Unidentified | Unidentified | 307 | 88 |
| OTU82  | Fungi   | Ascomycota      | Pezizomycetes | Pezizales | Pezizaceae | Peziza | 306 | 79 |
| OTU83  | Fungi   | Ascomycota      | Saccharomycetes | Saccharomycetales | Unidentified | Unidentified | 302 | 100 |
| OTU84  | Fungi   | Ascomycota      | Saccharomycetes | Saccharomycetales | Unidentified | Unidentified | 300 | 69 |
| OTU85  | Fungi   | Unidentified     | Unidentified | Unidentified | Unidentified | Unidentified | 293 | 71 |
| OTU86  | Fungi   | Basidiomycota   | Malasseziomycetes | Malasseziales | Malasseziaceae | Malassezia | 301 | 92 |
| OTU87  | Fungi   | Ascomycota      | Saccharomycetes | Saccharomycetales | Unidentified | Unidentified | 277 | 100 |
| OTU88  | Fungi   | Ascomycota      | Sordariomycetes | Hypocreales | Unidentified | Aspergillus | 305 | 88 |
| OTU89  | Fungi   | Basidiomycota   | Tremellomycetes | Filobasidiales | Filobasidiaceae | Unidentified | 306 | 83 |
| OTU90  | Fungi   | Basidiomycota   | Exobasidiomycetes | Exobasidiales | unclassified Exobasidiales | Unidentified Exobasidiales | 315 | 100 |
| OTU91  | Fungi   | Ascomycota      | Eurotiomycetes | Eurotiales | Trichocomaceae | Aspergillus | 305 | 88 |