

| Primer | Specific Primer sequence | Target Gene |
|-----------------|------------------------------|-------------|
| NXT-16S_V3-V4_F | CCTACGGGNGGCWGCAG | 16s rRNA |
| NXT-16S_V3-V4-R | GACTACHVGGGTATCTAATCC | |
| NXT-18S_F | GTACACACCGCCCGTC | 18s rRNA |
| NXT-18S_R | TGATCCTTCTGCAGGTTTACC TAC | |
| NXT_ITS1_F | CTTGGTCATTTAGAGGAAGTA A | ITS2 |
| NXT_ITS2_R | GCTGCGTTCTTCATCGATGC | |

Table S1. Primers list of bacterial and fungal marker genes. 16srRNA (bacterial marker gene), 18srRNA and ITS2 (fungal marker genes).