**Supplementary Table 1**. Sequences of PCR primers used for amplification and sequencing of *Aspergillus* and *Fusarium* fungi and length of target regions.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Types | Loci | Sequence5’-3’ | PCR & Sequencing Primer\* | Length (bp) |
| Both  | ITS+LSU | ITS1: TCCGTAGGTGAACCTGCGGLR3: CCGTGTTTCAAGACGGG | ITS1 and LR3 | 1009-1153 |
| *Fusarium* | RPB1 | F7: CRACACAGAAGAGTTTGAAGGR9: TCARGCCCATGCGAGAGTTGTC | F7 and R9 | 2100 |
|  | RPB2 | 5F2:GGGGWGAYCAGAAGAAGGC11aR: GCRTGGATCTTRTCRTCSACC | 5F2 and 11aR | 1742 |
|  | RPB2 | 7cF: ATGGGYAARCAAGCYATGGG11aR: GCRTGGATCTTRTCRTCSACC | 7cF and 11aR | 860 |
| *Aspergillus* | aflM/aflN | aflM: GCTTGGCTCTCTCCTTTGAAaflN: GCTGCTGAGGGAGTTGAAAC | aflM and aflN | 1200 |
|  | aflW/aflX | aflW:GCACACGGTGTGGAAAGATAaflX:GACTAGTGCACGATGTGCAAC | aflW and aflX | 950 |
|  | trpC | trpC-F:GACGGGAAATAGGCTTCCtrpC-R:CGC CTT GGT GGG ATG GTG | trpC-F and trpC-R | 500 |
|  | XC4 (mfs) | XC4-F:ATCGTGCAGACAGGAACACXC4-R:GGTGCCTTGGCCTATGCGCT | XC4-F and XC4-R | 500 |
|  | amdS | amdS-F:CCATCGGTATAGGAACTGAamdS-R:AGGGTGCCACGGTATGTC | amdS-F and amdS-R | 550 |
|  | MAT1-1 | M1F:ATTGCCCATTTGGCCTTGAAM1R:TTGATGACCATGCCACCAGA | M1F and M1R | 400 |
|  | MAT1-2 | M2F:GCATTCATCCTT TATCGTCAGCM2R:GCTTCTTTTCGGATGGCTTGCG | M2F and M2R | 270 |

\*The primers used for Sanger sequencing are underlined.