Primers used in this study. Illumina adaptors are underlined whereas primer sequence are shown in regular font.

|  |  |  |  |
| --- | --- | --- | --- |
| **Target Amplicon** | **Direction**  | **Illumina adaptor + Primer sequence (5’-3’)** | **References for Primers** |
| *ITS2*(350bp) | Forward | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGATGCGATACTTGGTGTGAAT   | Chen *et al.* (2010) |
| *ITS2*(350bp) | Reverse | GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCCTCCGCTTATTGATATGC  | White *et al.* (1990) |
| *rbcL*(600bp) | Forward | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGATGTCACCACAAACAGAGACTAAAGC  | Kress and Erickson (2007) |
| *rbcL*(600bp) | Reverse | GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGAGTCCACCGCGTAGACATTCAT    | de Vere *et al.* (2012) |

**Reference:**

Chen, S., Yao, H., Han, J., Liu, C., Song, J., Shi, L., ... & Luo, K. (2010). Validation of the ITS2 region as a novel DNA barcode for identifying medicinal plant species. *PLoS one*, 5(1), e8613.

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Kress, W. J., & Erickson, D. L. (2007). A two-locus global DNA barcode for land plants: the coding rbcL gene complements the non-coding trnH-psbA spacer region. *PLoS One*, *2*(6), e508.

White, T. J., Bruns, T., Lee, S. J. W. T., & Taylor, J. W. (1990). Amplification and direct sequencing of fungal ribosomal RNA genes for phylogenetics. *PCR protocols: a guide to methods and applications, 18*(1), 315-322.