Table S1. Primers used for amplification of the barcodes *psbA-trnH* spacer*, psbK-psbI* spacer*, rpoB, rpoC1, atpF-atpH* spacer*, rbc*L, *mat*K, and ITS2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Primer pairs** | **Sequence** | ***Locus*** | **Annealing temperature** | **Reference** |
| trnHf\_05 | CGCGCATGGTGGATTCACAATCC | *psbA-trnH* | 60°C | Basak et al. (2019) |
| psbA3\_f | GTTATGCATGAACGTAATGCTC |  |  |  |
| psbK\_F | TTAGCCTTTGTTTGGCAAG | *psbK-psbI* | 56°C | Basak et al. (2019) |
| psbI\_R | AGAGTTTGAGAGTAAGCAT |  |
| rpoB\_2F | ATGCAACGTCAAGCAGTTCC | *rpoB* | 50°C | Basak et al. (2019) |
| rpoB\_3R | CCGTATGTGAAAAGAAGTATA |  |
| rpoC1\_2F | GGCAAAGAGGGAAGATTTCG | *rpoC1* | 60°C | Basak et al. (2019) |
| rpoC1\_4R | CCATAAGCATATCTTGAGTTGG |  |  |
| atpF\_F | ACTCGCACACACTCCCTTTCC | *atpF-atpH* | 56°C | Basak et al. (2019) |
| atpH\_R | GCTTTTATGGAAGCTTTAACAAT |  |  |  |
| rbcLA\_F | ATGTCACCACAAACAGAGACTAAAGC | *rbc*L | 60°C | Costion et al. (2011) |
| rbcLA\_R | GTAAAATCAAGTCCACCRCG |  |
| matK\_3F\_KIMF | CGTACAGTACTTTTGTGTTTACGAG | *mat*K | 56°C | Costion et al. (2011) |
| matK\_1R\_KIMR | ACCCAGTCCATCTGGAAATCTTGGTTC |  |
| S2F | ATGCGATACTTGGTGTGAAT | ITS2 | 60°C | Cheng et al. (2015) |
| S3R | GACGCTTCTCCAGACTACAAT |  |

**References**

Basak S, Aadi Moolam R, Parida A, Mitra S, Rangan L. 2019. Evaluation of rapid molecular diagnostics for differentiating medicinal Kaempferia species from its adulterants. Plant Diversity 41(3):206–211 DOI 10.1016/j.pld.2019.04.003.

Cheng T, Xu C, Lei L, Li C, Zhang Y, Zhou S. 2015. Barcoding the kingdom Plantae: new PCR primers for ITS regions of plants with improved universality and specificity. Molecular Ecology Resources 16(1):138–149.

Costion C, Ford A, Cross H, Crayn D, Harrington M, Lowe A. 2011. Plant DNA barcodes can accurately estimate species richness in poorly known floras. PLOS ONE 6(11):e26841 DOI 10.1371/journal.pone.0026841.