

Supplementary Materials

TABLE S1: List of universal primers and reaction conditions for candidate barcodes.

DNA Barcode	Name of primers	Primer sequences 5'-3'	PCR reaction conditions
<i>matK</i>	KIM_3F	CGTACAGTACTTTTGTGTTTACGAG	94 °C 1 min
	KIM_1R	ACCCAGTCCATCTGGAAATCTTGGTTC	94 °C 30 s, 52 °C 20 s, 72 °C 50 s, 35 cycles 72 °C 5 min
<i>rbcL</i>	1f	ATGTCACCACAAACAGAAAC	95 °C 2 min
	724r	TCGCATGTACCTGCAGTAGC	94 °C 1 min, 55 °C 30 s, 72 °C 1 min, 34 cycles 72 °C 7 min
<i>psbA-trnH</i>	fwd PA	GTTATGCATGAACGTAATGCTC	94 °C 5 min
	rev TH	CGCGCATGGTGGATTACAATCC	94 °C 1 min, 55 °C 1 min, 72 °C 1.5 min, 30 cycles 72 °C 7 min
ITS2	S2F	ATGCGATACTTGGTGTGAAT	94 °C 5 min
	S3R	GACGCTTCTCCAGACTACAAT	94 °C 30 s, 56 °C 30 s, 72 °C 45 s, 40 cycles 72 °C 10 min

TABLE S2: List of the GenBank No. for *matK*, *rbcL* and *psbA-trnH* barcodes (amplification and sequencing successfully).

Species	Voucher No.	GenBank No.		
		<i>matK</i>	<i>rbcL</i>	<i>psbA-trnH</i>
<i>Isatis tinctoria</i>	YC0021MT29	KJ939231	KJ939241	KJ939205
<i>Is. tinctoria</i>	YC0021MT05	KJ939229	KJ939240	KJ939203
<i>Is. tinctoria</i>	YC0021MT20	KJ939230	KJ939242	KJ939204
<i>Polygonum tinctorium</i>	YC0390MT01	KJ939218	KJ939248	KJ939214
<i>P. tinctorium</i>	YC0390MT04	KJ939219	KJ939247	KJ939212
<i>P. tinctorium</i>	YC0390MT05	KJ939220	KJ939246	KJ939213
<i>Strobilanthes cusia</i>	YC0389MT07	KJ939223	KJ939233	KJ939194
<i>S. cusia</i>	YC0389MT01	KJ939221	KJ939234	KJ939196
<i>S. cusia</i>	YC0389MT04	KJ939222	KJ939232	KJ939195
<i>Polygonum hydropiper</i>	YC0509MT02	-	KJ939243	KJ939209
<i>P. hydropiper</i>	YC0509MT03	-	KJ939244	KJ939210
<i>P. hydropiper</i>	YC0509MT04	-	KJ939245	KJ939211
<i>Polygonum chinense</i>	YC0510MT01	-	-	KJ939208
<i>P. chinense</i>	YC0510MT02	-	-	KJ939207
<i>P. chinense</i>	YC0510MT03	-	-	KJ939206
<i>Clerodendrum cyrtophyllum</i>	YC0508MT01	KJ888428	KJ939236	KJ939197
<i>C. cyrtophyllum</i>	YC0508MT02	KJ939224	KJ939237	KJ939198
<i>C. cyrtophyllum</i>	YC0508MT03	KJ939225	KJ939235	KJ939199
<i>Strobilanthes dimorphotricha</i>	YC0511MT01	-	KJ939249	KJ939215
<i>S. dimorphotricha</i>	YC0511MT02	-	KJ939250	KJ939216
<i>S. dimorphotricha</i>	YC0511MT03	-	-	KJ939217
<i>Indigofera tinctoria</i>	YC0707MT01	KJ939226	-	KJ939202
<i>In. tinctoria</i>	YC0707MT02	KJ939227	KJ939238	KJ939200
<i>In. tinctoria</i>	YC0707MT03	KJ939228	KJ939239	KJ939201