

Table S1. DNA isolation results

Sample	[DNA] (ng/μl)	Ratio 260nm/230nm	Ratio 260nm/280nm	PCR result
AF02	453.0	0.93	0.96	+++

Table S2. Average amount (%) of nucleotide identity between matK aligned sequence (PI parameter) and the closest species

Taxon Sample	Length (bp)	<i>Aframomum melegueta</i>	<i>Aframomum daniellii</i>	<i>Aframomum scepttrum</i>	<i>Aframomum angustifolium</i>
AF02	930	100	98.60	98.47	98.47