

Supplementary Table S3. Diagnostic PCR primers used in this study.

Primer Designation	Nucleotide Sequence (5' => 3')	Expected Specificity	Expected Product Size (bp)	Reference
Species-discriminating rIGS-based diagnostic PCR				
mani-IDF1	GGCTATAGTYAACTTTTGGACTTGC	<i>M. anisopliae</i>	335	[19]
mani-IDR1	ACAAAAAATCAACTCACGCCTATAT			
mbru-IDF1	TGACTTKTGGACWYGGCGGA	<i>M. brunneum</i>	277–405	[19]
mbru-IDR1	CGCTACYRGGCTCTCGTGGT			
mcar-IDF1	GGACTTGGCATATTTGCTTGAATTG	<i>M. caribense</i>	345	this study
mcar-IDR1	TCTTATATACCCACCAACTACCTTG			
mpin-IDF1	GTGCCGGGGCCCTGTAG	<i>M. pinghaense</i>	337–391	[19]
mpin-IDR1	GCCAAAATACTAGGAACTTGTATA			
mrob-IDF1	GCGGGTGTTGGGGTTAAT	<i>M. robertsii</i>	841–842	[19]
mrob-IDR1	CTAAAAGTATTGGCTGCGGC			
28Si4 intron – based diagnostic PCR				
Meta28Si4long-F1	TAGGTGAAGGGGCTGCAAGTC	Presence of long 28Si4 intron	624	this study
Mcar28Si4long-F1	AAGGCGTATCGCAGTATGACT	<i>M. caribense</i> variety of 28Si4 intron	584	this study
Mmaj28Si4long-F1	GCGTGATTGCAGTATAACC	<i>M. majus</i> variety of 28Si4 intron	582	this study
28Si-E24Rshort	GAATTACCATTGCGGAGAGG	Reverse primer	n.a.	this study