

Table S1. Results of the blast analysis and GenBank accession numbers used in the study

Species	No. of isolates	DNA barcode used for identification	GenBank Accession Number	Blast result (% Identity)	Accession Number of Reference Sequence
<i>Ophiostoma ips</i>	30	ITS	ON697188	99-100%	MH324814.1
	5	β -tubulin (β T)	ON736861	98-100%	MT210369.1
	5	elongation factor 1- α (TEF 1- α)	ON736865	95-100%	MG702098.1
<i>Sporothrix pseudoabietina</i>	9	ITS	ON697189	99-100 %	KY568168
	9	β -tubulin (β T)	ON736862	95-99 %	MW066390.1
	9	elongation factor 1- α (TEF 1- α)	ON736866	99%	MW066432.1
<i>Ophiostoma piceae</i>	6	ITS	ON697190	99-100%	AF493240
	6	β -tubulin (β T)	ON736863	98-100%	AY789150.1
	6	elongation factor 1- α (TEF 1- α)	ON736867	97-100%	MH283420.1
<i>Ophiostoma floccosum</i>	3	ITS	ON697191	100%	JQ292830.1
	3	β -tubulin (β T)	ON736864	100%	MH124251.1
	3	elongation factor 1- α (TEF 1- α)	ON736868	100%	MH283416.1
<i>Graphilbum rectangulosporium</i>	5	ITS	ON697192	100%	KP691915.1
<i>Sarocladium strictum</i>	1	ITS	ON697193	100%	MF497404.1