

Supplementary Table S1. Nutritional mode variation and conidial characters (colour and septation) and GenBank accession numbers of the sequences used in phylogenetic analysis. Type strains are indicated in *.

Species	Strain no.	Nutritional mode	Conidia character		GenBank accession numbers		References
			Colour	Septation	ITS	LSU	
Aplosporellaceae							
Alanomyces indica	CBS 134264	Saprobies	Not observed		HF563622	HF563623	[37]
Aplosporella africana	CBS 121777	Endophytes/ pathogens	Pigmented	Aseptate	EU101315	EU101380	[104,105]
A. artocarpi	CPC 22791	Endophytes	Pigmented	Aseptate	NR_154688	N/A	[106]
A. chromolaenae	MFLUCC 17-1517	Saprobies	Pigmented	Aseptate	MT214340	NG_070506	[107]
A. ginkgonis	CFCC 52442	Pathogens	Pigmented	Aseptate	KM030583	KM030590	[108]
A. hesperidica	CBS 732.79	Pathogens	Pigmented	Aseptate	KX464083	KX464239	[109]
A. javeedii	CFCC 89658	Pathogens/ saprobies	Pigmented	Aseptate	KM030580	KM030587	[104,105]
A. longipes	CFCC 89661	Saprobies/ pathogens	Pigmented	Aseptate	KM030583	KM030590	[110]
A. macropycnidia	CGMCC 3.17725*	Saprobies	Pigmented	Aseptate	NR_154707	N/A	[104]
A. papillata	CBS 121780	Pathogens	Pigmented	Aseptate	KF766197	EU101383	[111]
A. prunicola	CBS 121167	Pathogens/ saprobies/ endophytes	Pigmented	Aseptate	KF766147	KF766315	[104,112,113]
A. sophorae	CPC 29688	Pathogens	Pigmented	Aseptate	KY173388	KY173482	[110]
A. thailandica	MFLU 16-0615*	Saprobies	Pigmented	Aseptate	NR_154722	N/A	[36]
A. yalgorensis	MUCC 512	Endophytes	Pigmented	Aseptate	EF591927	EF591944	[114]
Botryosphaeriaceae							
Alanphillipsia aloicola	CBS 138896	Pathogens	Hyaline	Aseptate	KP004444	KP004472	[115]
A. aloeigena	CPC 21286	Pathogens	Hyaline	Aseptate	KF777137	KF777193	[110]
A. aloes	CPC 21298	Pathogens	Pigmented	Aseptate	KF777138	KF777194	[110]
A. aloetica	CBS 136409	Pathogens	Pigmented	Aseptate	KF777139	KF777195	[110]
A. euphorbiae	CPC 21628	Pathogens	Pigmented	Aseptate	KF777140	KF777196	[110]
Barriopsis archontophoenicis	MFLUCC 14-1164	Saprobies	Pigmented	Aseptate	KX235306	KX235307	[116]
B. iraniana	IRAN 1448C	Endophytes	Pigmented	Aseptate/ septate	FJ919663	KF766318	[117]
B. stevensiana	CBS 174.26	Saprobies	Pigmented	Septate	EU673330	DQ377857	[11,19]
B. tectonae	MFLUCC 12-0381	Saprobies	Pigmented	Septate	KJ556515	MH878606	[33,118]
B. thailandica	MFLUCC 14-1190	Saprobies	Pigmented	Septate	KY115675	N/A	[119]
Botryobambusa fusicoccum	MFLUCC 11-0143	Saprobies	Hyaline	Aseptate	JX646792	JX646809	[11]
B. fusicoccum	MFLUCC 11-0657	Saprobies	Hyaline	Aseptate	JX646793	JX646810	[11]
Botryosphaeria agaves	MFLUCC 11-0125	Pathogen/ saprobies	No asexual morph recorded		JX646791	JX646808	[11]
B. agaves	MFLUCC 10-0051	Pathogen/ saprobies	No asexual morph recorded		JX646790	JX646807	[11]
B. corticis	CBS 119047	Pathogens	Hyaline	Aseptate	DQ299245	EU673244	[19]
B. dothidea	CBS 115476	Saprobies/ pathogens/ endophytes	Hyaline	Aseptate	AY236949	DQ377852	[11,24,120,121]
B. dothidea	CMW 25413	Saprobies/	Hyaline	Aseptate	KF766167	KF766332	[111,122,123]

endophytes							
<i>B. dothidea</i>	GZCC 16-0013*	Saprobies	Hyaline	Septate	KX447675	N/A	[124]
<i>B. dothidea</i>	CGMCC 3.17722*	Saprobies/ pathogens	Hyaline	Septate	KT343254	N/A	[125,126]
<i>B. dothidea</i>	CGMCC3.18745	Pathogens	Hyaline	Septate	KX278003	MF410045	[127]
<i>B. fabicerciana</i>	CBS 127193*	Saprobies/ pathogens	Hyaline	Aseptate	HQ332197	N/A	[19,128]
<i>B. fabicerciana</i>	MFLUCC 10-0098	Pathogens/ saprobies/ endophytes	Hyaline	Aseptate	JX646789	JX646806	[11,129]
<i>B. kuwatsukai</i>	PG259	Pathogens	Hyaline	Septate	KJ433390	N/A	[130]
<i>B. puerensis</i>	CSF6052	Pathogens	Hyaline	Aseptate	MT028569	MT029138	[131]
<i>B. qingyuanensis</i>	CERC 2946	Pathogens	Hyaline	Aseptate	KX278000	MF410042	[132]
<i>B. ramosa</i>	CBS 122069*	Saprobies/ pathogens	Hyaline	Aseptate	EU144055	N/A	[19,133,134]
<i>B. ramosa</i>	CGMCC3.18739*	Pathogens	Hyaline	Aseptate	KX277989	MF410031	[132]
<i>B. scharifii</i>	CBS 124703*	Pathogens	Hyaline	Aseptate	JQ772020	N/A	[19]
<i>Cophinforma atrovirens</i>	MFLUCC 11-0425	Endophytes/ pathogens	Hyaline	Aseptate	JX646800	JX646817	[19,132]
<i>C. atrovirens</i>	MFLUCC 11-0655	Saprobies	No asexual morph recorded		JX646801	JX646818	[11]
<i>C. mamane</i>	CBS 117444	Endophytes/ pathogens	Hyaline	Aseptate	KF531822	DQ377855	[19,135,136]
<i>Diplodia africana</i>	CBS 120835	Pathogens	Hyaline	Aseptate	EF445343	MH874653	[137]
<i>D. agrifolia</i>	CBS 132777	Pathogens	Hyaline/ pigmented	Aseptate/ septate	MH866050	MH877500	[19]
<i>D. allocellula</i>	CMW:36468	Pathogens/ endophytes	Pigmented	Aseptate	JQ239397	JQ239410	[19,138]
<i>D. arengae</i>	MFLU 17-2769*	Saprobies	No asexual morph recorded		NR_159828	NG_064503	[139]
<i>D. bulgarica</i>	CBS 124254*	Pathogens	Pigmented	Septate	GQ923853	MH874879	[102]
<i>D. corticola</i>	CBS 112549	Pathogens	Pigmented	Septate	AY259100	AY928051	[140]
<i>D. crataegicola</i>	MFLUCC 150905	Saprobies	Pigmented	Aseptate	MF398871	N/A	[141]
<i>D. cupressi</i>	CBS 168.87	Pathogens	Pigmented	Septate	DQ458893	EU673263	[19]
<i>D. eriobotryicola</i>	CBS 140851*	Pathogens	Pigmented	Aseptate	NR_152462	NG_070047	[142]
<i>D. estuarina</i>	CMW 41231*	Endophytes	Pigmented	Aseptate	NR_152461	N/A	[143]
<i>D. fraxini</i>	CBS 136010*	Pathogens	Pigmented	Aseptate	KF307700	N/A	[144]
<i>D. galiicola</i>	JZB 3140014	Saprobies	Pigmented	Aseptate	MN757871	N/A	[141]
<i>D. malorum</i>	CBS 124130	Pathogens	Pigmented	Septate	GQ923865	MH874878	[19,145]
<i>D. mutila</i>	CBS 112553	Pathogens/ saprobies/ endophytes	Pigmented	Septate	AY259093	AY928049	[19,90,146]
<i>D. neojuniperi</i>	CPC 22753*	Pathogens/ saprobies	Pigmented	Septate	NR_152460	N/A	[33,106]
<i>D. olivarum</i>	CBS 121887	Pathogens	Hyaline/ Pigmented	Aseptate/ Septate	EU392302	MH874707	[19]
<i>D. pseudoseriata</i>	CBS 124906	Endophytes/ pathogens	Pigmented	Aseptate	EU080927	MH874931	[19,128]

<i>D. pseudoseriata</i>	CBS 124931	Pathogens/ endophytes/ saprobes	Pigmented	Septate	MH863427	MH874935	[19,24,33]
<i>D. quercicola</i>	CFCC 53769*	Pathogens	Hyaline	Aseptate	NR_169975	MN215866	[121]
<i>D. quercivora</i>	BL8	Pathogens	Hyaline/ pigmented	Aseptate/ septate	JX894205	N/A	[147]
<i>D. rosulata</i>	CBS 116470	Pathogens/ endophytes	Pigmented	Septate	EU430265	DQ377896	[19,148,149]
<i>D. sapinea</i>	CBS 393.84*	Pathogens/ endophytes/ saprobes	Pigmented	Aseptate	NR_152452	DQ377893	[32,33,146]
<i>D. sapinea</i>	CBS 124462	Saprobes/ pathogens	Pigmented	Aseptate	GQ923858	MH874896	[149–151]
<i>D. scrobiculata</i>	CBS 109944*	Pathogens/ endophytes	Pigmented	Septate	DQ458899	EU673268	[19,20,152]
<i>D. seriata</i>	CBS 112555	Saprobes/ / endophytes pathogens	Pigmented	Aseptate	AY259094	AY928050	[19,153,154]
<i>D. subglobosa</i>	CBS 124133*	Pathogens	Pigmented	Septate	GQ923856	N/A	[155,156]
<i>D. torilicola</i>	IT3612*	Saprobes	Pigmented	Aseptate	MK625223	N/A	[157]
<i>D. tsugae</i>	CBS 418.64	Pathogens	Hyaline	Aseptate	DQ458888	DQ377867	[19]
<i>Dothiorella acacicola</i>	CPC 26349	Saprobes	Pigmented	Septate	KX228269	KX228320	[15]
<i>D. acericola</i>	KUMCC 18-0137*	Saprobes	Pigmented	Septate	MK359449	N/A	[158]
<i>D. alpina</i>	CGMCC 3.18001	Saprobes/ pathogens	Pigmented	Septate	KX499645	N/A	[159,160]
<i>D. alpina</i>	KUMCC 18–0135	Saprobes/ pathogens	Pigmented	Septate	MT002267	MT002266	[160,161]
<i>D. americana</i>	CBS 128309*	Pathogens	Pigmented	Septate	HQ288218	MH876298	[19]
<i>D. brevicollis</i>	CBS 130411*	Endophytes/ pathogens	Pigmented	Septate	JQ239403	JQ239416	[19,138]
<i>D. capri-amissi</i>	CBS:121763	Pathogens	Pigmented	Aseptate/ septate	EU101323	KX464301	[111]
<i>D. casuarini</i>	CBS 120688*	Pathogens	Pigmented	Septate	DQ846773	MH874647	[19,162]
<i>D. citricola</i>	ICMP16828	Pathogens	Pigmented	Septate	EU673323	N/A	[146]
<i>D. dulcispinae</i>	CMW:36460	Endophytes	Pigmented	Septate	JQ239400	JQ239413	[19]
<i>D. dulcispinae</i>	CMW 25407*	Pathogens/ endophytes	Pigmented	Aseptate or septate	EU101300	KF766329	[111,148]
<i>D. iranica</i>	IRAN1587C*	Pathogens/ saprobes	Pigmented	Septate	KC898231	N/A	[146,163]
<i>D. lampangensis</i>	MFLUCC 18-0232	Saprobes	Pigmented	Septate	MK347758	N/A	[164]
<i>D. longicollis</i>	CBS 122068	Endophytes	Pigmented	Septate	EU144054	MH874718	[19]
<i>D. magnoliae</i>	CFCC 51563	Pathogens	Pigmented	Septate	KY111247	N/A	[165]
<i>D. mangifericola</i>	IRAN1584C*	Pathogens	Pigmented	Septate	KC898221	N/A	[146,165]
<i>D. mangifericola</i>	CBS 121760*	Pathogens	Pigmented	Septate	EU101290	N/A	[19]
<i>D. moneti</i>	MUCC505	Endophytes	Pigmented	Septate	EF591920	EF591937	[19]
<i>D. plurivora</i>	IRAN1557C*	Pathogens/ endophytes	Pigmented	Septate	KC898225	N/A	[90,146,151]
<i>D. pretoriensis</i>	CMW:36480	Pathogens/ endophytes	Pigmented	Septate	JQ239405	JQ239418	[19,42]

<i>D. prunicola</i>	CAP187	Pathogens	Pigmented	Septate	EU673313	EU673232	[146]
<i>D. rhamni</i>	MFLUCC 14-0902	Saprobies/ weak pathogen	Pigmented	Septate	KU246381	KU246382	[122,166]
<i>D. rhamni</i>	CBS 140852*	Pathogens	Pigmented	Aseptate	KT240287	MH878199	[142]
<i>D. santali</i>	MUCC 509	Endophytes	Pigmented	Septate	EF591924	EF591941	[19]
<i>D. sarmentorum</i>	IMI 63581b	Saprobies/ pathogens	Pigmented	Septate	AY573212	AY928052	[19,167]
<i>D. sarmentorum</i> (? <i>D. californica</i>)	CBS 141587*	Weak pathogens/ endophytes	Pigmented	Septate	KX357188	N/A	[140]
<i>D. sarmentorum</i> (? <i>D. sempervirentis</i>)	IRAN1583C*	Pathogens/ saprobies	Pigmented	Septate	KC898236	N/A	[122,146]
<i>D. sarmentorum</i> (? <i>D. iberica</i>)	CBS 115041	Saprobies/ pathogens/ endophytes	Pigmented	Septate	AY573202	AY928053	[19,90,168]
<i>D. sarmentorum</i> (? <i>D. guttulata</i>)	MFLUCC 17-0242	Saprobies	Pigmented	Septate	KY797637	KY815014	[169]
<i>D. sarmentorum</i>	MFLUCC 17-0951	Saprobies/ Pathogens/ endophytes	Pigmented	Septate	MG828897	N/A	[8,89,121, 170]
<i>D. sarmentorum</i> (? <i>D. omnivora</i>)	CBS:392.80	Pathogens/ saprobies	Pigmented	Septate	KX464133	KX464348	[122,171]
<i>D. sarmentorum</i> (? <i>D. parva</i>)	IRAN1579C*	Pathogens/ endophytes	Pigmented	Septate	KC898234	N/A	[146,172]
<i>D. sarmentorum</i> (? <i>D. symphoricarposicola</i>)	MFLUCC 13-0498	Saprobies/ pathogens	Pigmented	Septate	KJ742379	N/A	[167,168]
<i>D. sarmentorum</i> (? <i>D. vidmadera</i>)	CBS:725.79	Saprobies/ weak pathogens	Pigmented	Septate	KX464130	KX464340	[163,166]
<i>D. striata</i>	ICMP 16819	Pathogens	Pigmented	Septate	EU673320	N/A	[146]
<i>D. striata</i>	DAR80992	Pathogens	Pigmented	Septate	KJ573643	N/A	[173]
<i>D. tectonae</i>	MFLUCC12-0382*	Saprobies	Pigmented	Septate	KM396899	N/A	[174]
<i>D. thailandica</i>	MFLUCC 11-0438	Saprobies	Pigmented	Septate	NR_111794	NG_042725	[19]
<i>D. thripsita</i>	BRIP 51876	Saprobies	Pigmented	Septate	KJ573642	N/A	[19]
<i>D. uruguayensis</i>	CBS 124908	Endophytes	Pigmented	Septate	EU080923	MH874932	[19]
<i>D. vinea-gemmae</i>	B116-3	Pathogens	Pigmented	Septate	KJ573644	N/A	[173]
<i>D. viticola</i>	CBS 117009	Pathogens/ endophytes	Pigmented	Septate	AY905554	DQ377873	[175,176]
<i>D. viticola</i>	WA10NO01	Pathogens	Pigmented	Septate	HM009376	N/A	[173]
<i>D. yunnana</i>	CGMCC 3.18000	Saprobies/ pathogens	Pigmented	Septate	KX499644	N/A	[90,159]
<i>Endomelanconiopsis endophytica</i>	CBS 120397	Endophytes/ pathogens	Pigmented	Aseptate	EU683656	EU683629	[177,178]
<i>E. microspora</i>	CBS 353.97	Endophytes	Pigmented	Aseptate	EU683655	EU683628	[19,179]
<i>Eutiarosporella africana</i>	CBS 133854	Endophytes	Hyaline	Aseptate	KC769956	KC769990	[180]
<i>E. dactylidis</i>	MFLUCC 13-0276	Saprobies	Hyaline	Aseptate	KM978944	KM978949	[166,181]

<i>E. darliae</i>	CBS:118530	Pathogens	Hyaline	Aseptate	KX464131	KX464346	[182]
<i>E. pseudodarliae</i>	DAR 82489	Pathogens	Hyaline	Aseptate	KP309796	N/A	[182]
<i>E. tritici</i>	CBS 118719	Pathogens	Hyaline	Aseptate	KF531830	DQ377941	[183]
<i>E. tritici-australis</i>	DAR 82485	Pathogens	Hyaline	Aseptate	KP309788	N/A	[182]
<i>E. urbis-rosarum</i>	CMW:36477*	Endophytes	Hyaline	Aseptate	NR_111705	JQ239420	[184]
<i>Lasiodiplodia aquilariae</i>	CGMCC 3.18471	Endophytes	Pigmented	Septate	KY783442	N/A	[185]
<i>L. avicenniae</i>	CBS 139670*	Endophytes	Pigmented	Septate	KP860835	N/A	[143]
<i>L. avicenniarum</i>	C376	Saprobies	Pigmented	Septate	MK347777	MK347994	[164]
<i>L. brasiliensis</i>	CERC 2284	Pathogens	Pigmented	Septate	KX278010	MF410054	[164,186]
<i>L. bruguierae</i>	CMW42480	Endophytes	Pigmented	Septate	KP860832	N/A	[143]
<i>L. chonburiensis</i>	MFLUCC 16-0376*	Saprobies	Hyaline	Aseptate	MH275066	MH260299	[119]
<i>L. cinnamomi</i>	CFCC 51997*	Pathogens	Hyaline	Aseptate	MG866028	N/A	[187]
<i>L. citricola</i>	CBS 124707	Endophytes/ Pathogens	Pigmented	Septate	GU945354	N/A	[19,188]
<i>L. crassispora</i>	CBS 118741	Pathogens/ endophytes	Pigmented	Septate	DQ103550	DQ377901	[19,176]
<i>L. crassispora</i>	CBS 121770*	Pathogens	Pigmented	Aseptate	EU101307	N/A	[111]
<i>L. euphorbicola</i>	CMM3609	Pathogens/ endophytes	Pigmented	Septate	KF234543	N/A	[189,190]
<i>L. gilanensis</i>	CBS 124704	Endophytes/ pathogens	Pigmented	Septate	GU945351	N/A	[19,191]
<i>L. gilanensis</i>	CBS 128311	Pathogens	Pigmented	Septate	HQ288225	N/A	[19,192]
<i>L. gonubiensis</i>	CBS 115812	Endophytes/ Pathogens	Pigmented	Septate	AY639595	DQ377902	[19,193,194]
<i>L. gravistriata</i>	CMM4564*	Pathogens	Pigmented	Septate	KT250949	N/A	[195]
<i>L. hormozganensis</i>	CBS:177.89	Endophytes/ pathogens/ saprobies	Pigmented	Septate	KX464134	KX464349	[19,94,196]
<i>L. iraniensis</i>	CBS 124710	Endophytes/ pathogens/ saprobies	Pigmented	Septate	GU945346	MH874918	[19,94,197]
<i>L. krabiensis</i>	MFLU 17-2617	Saprobies	Hyaline	Aseptate	MN047093	MN017859	[198]
<i>L. laeliocattleyae</i>	CBS 167.28	Endophytes/ pathogens	Pigmented	Septate	KU507487	DQ377892	[199]
<i>L. lignicola</i>	CBS 134112*	Saprobies	Pigmented	Septate	JX646797	N/A	[19]
<i>L. lignicola</i>	CBS 342.78*	Pathogens/ saprobies	Hyaline	Aseptate	KX464140	N/A	[6,8]
<i>L. lignicola</i>	CGMCC 3.18061*	Saprobies/ pathogens	Pigmented	Septate	KX499889	N/A	[200]
<i>L. macrospora</i>	CMM3833	Pathogens	Pigmented	Septate	KF234557	N/A	[189]
<i>L. mahajangana</i>	CBS:559.70	Endophytes/ Pathogens	Pigmented	Septate	KX464137	KX464353	[19,151]
<i>L. mahajangana</i>	IBL352	Pathogens	Pigmented	Septate	KT154759	N/A	[201]
<i>L. mahajangana</i>	CBS 137785*	Pathogens/ endophytes	Pigmented	Septate	KJ638317	N/A	[176,202,203]
<i>L. margaritacea</i>	CBS 122519	Endophytes/ Pathogens	Pigmented	Septate	KT852959	KX464354	[19,204]
<i>L. mediterranea</i>	BL187	Pathogens	Pigmented	Septate	KJ638321	N/A	[202]
<i>L. microconidia</i>	CGMCC 3.18485	Endophytes/	Pigmented	Septate	KY783441	N/A	[45,160]

		pathogens					
<i>L. pandanicola</i>	MFLUCC 16-0265*	Saprobies	Pigmented	Septate	MH275068	MH260301	[119]
<i>L. parva</i>	CBS 494.78	Pathogens/endophytes	Pigmented	Septate	EF622084	EU673258	[19,42,192]
<i>L. plurivora</i>	CBS 120832	Pathogens	Pigmented	Septate	EF445362	N/A	[137]
<i>L. pontae</i>	IBL12	Pathogens	Pigmented	Septate	KT151794	N/A	[201]
<i>L. pseudotheobromae</i>	CBS 116459	Saprobies/pathogens/endophytes	Pigmented	Septate	EF622077	N/A	[94,119,164]
<i>L. rubropurpurea</i>	CBS 118740*	Pathogens/endophytes	Pigmented	Septate	DQ103553	DQ377903	[19,42]
<i>L. subglobosa</i>	CMM3872	Pathogens	Pigmented	Septate	KF234558	N/A	[189]
<i>L. syzygii</i>	GUCC 9719.2	Pathogens/saprobies	Pigmented	Septate	MW081991	MW081988	[8,205]
<i>L. thailandica</i>	CPC 22795	Endophytes/pathogens/saprobies	Pigmented	Aseptate	KJ193637	N/A	[94,200,206]
<i>L. thailandica</i>	MFLUCC 18-0244*	Saprobies	Pigmented	Septate	MK347789	NG_066319	[164]
<i>L. theobromae</i>	CBS 164.96	Saprobies/pathogens/endophytes	Pigmented	Septate	AY640255	EU673253	[11,19,164,207]
<i>L. tropica</i>	CGMCC 3.18477	Endophytes	Pigmented	Septate	KY783454	N/A	[185]
<i>L. venezuelensis</i>	CBS 118739*	Endophytes	Pigmented	Septate	DQ103547	DQ377904	[19]
<i>L. viticola</i>	CBS 128313	Pathogens/endophytes	Pigmented	Septate	HQ288227	NG_058231	[19,192,208]
<i>L. vitis</i>	CBS 124060*	Pathogens	Pigmented	Septate	KX464148	KX464367	[6]
<i>Macrophomina euphorbiicola</i>	CMM 4045	Pathogens	No morphology observed		KU058928	N/A	[209]
<i>M. phaseolina</i>	CBS 227.33	Endophytes/pathogens	Pigmented	Aseptate	KF951627	DQ377906	[26,210]
<i>M. pseudophaseolina</i>	CPC 21417	Pathogens	Pigmented	Aseptate	KF951791	N/A	[210]
<i>M. vaccinii</i>	CGMCC 3.19503	Pathogens	Hyaline	Aseptate	MK687450	N/A	[211]
<i>Marasasiomyces karoo</i>	CBS 118718	Saprobies	Hyaline	Aseptate	KF531828	DQ377939	[134,183]
<i>Mucoharknessia anthoxanthii</i>	MFLUCC 15-0904	Saprobies	Hyaline	Aseptate	NR_148092	KU246379	[166]
<i>M. cortaderiae</i>	CPC 19974	Saprobies	Pigmented	Aseptate	KM108374	KM108401	[183]
<i>Neodeightonia licuriensis</i>	COAD1780	Pathogens	Pigmented	Septate	KP165429	N/A	[212]
<i>N. microspora</i>	MFLUCC 11-0483*	Saprobies	No asexual morph recorded		KU940110	NG_059668	[213]
<i>N. palmicola</i>	MFLUCC 10-0822	Saprobies/endophytes/pathogens	Pigmented	Septate	HQ199221	HQ199222	[11,214]
<i>N. phoenicum</i>	CBS 122528	Saprobies/pathogens	Pigmented	Septate	EU673340	EU673261	[49,215,216]
<i>N. planchoniae</i>	MFLUCC 17-2427*	Saprobies	No asexual morph recorded		NR_163335	MK347972	[164]

<i>N. rattanica</i>	MFLUCC 15-0313	Saprobies	Pigmented	Aseptate	KX646358	KX646353	[116]
<i>N. rattanicola</i>	MFLUCC 15-0319	Saprobies	Pigmented	Aseptate	KX646359	KX646354	[116]
<i>N. subglobosa</i>	CBS 448.91	Saprobies/ pathogens/ endophytes	Pigmented	Septate	EU673337	DQ377866	[11,160,217]
<i>Neofusicoccum arbuti</i>	CBS 117453*	Pathogens	Hyaline	Aseptate/ septate	AY693976	DQ377914	[19]
<i>N. arbuti</i>	CBS 116131*	Pathogens/ endophytes	Pigmented	Septate	AY819720	DQ377915	[19,218,219]
<i>N. australe</i>	CMW 6837	Pathogens/ endophytes	Hyaline	Aseptate	AY339262	KF766367	[19,193,219]
<i>N. brasiliense</i>	CMM1338	Pathogens	Hyaline	Aseptate	JX513630	N/A	[220]
<i>N. buxi</i>	CBS 116.75*	Pathogens	Hyaline	Aseptate	NR_147366	NG_058256	[6]
<i>N. cordaticola</i>	CBS 123634*	Endophytes	Hyaline	Aseptate	EU821898	MH874849	[19]
<i>N. cryptoaustrale</i>	CMW 23785*	Endophytes/ pathogens	Pigmented	Septate	FJ752742	N/A	[110,221]
<i>N. dianense</i>	CSF6075	Pathogens	Hyaline	Aseptate	MT028605	MT029159	[131]
<i>N. eucalypticola</i>	CBS 115679*	Pathogens/ endophytes	Hyaline	Aseptate	AY615141	KF766368	[19,42,222]
<i>N. eucalyptorum</i>	CBS 115791	Pathogens/ endophytes	Hyaline	Aseptate	AF283686	N/A	[19,24,222]
<i>N. grevilleae</i>	CBS 129518	Pathogens/ endophytes	Hyaline	Aseptate	JF951137	N/A	[19,223,224]
<i>N. hellenicum</i>	CERC1947	Pathogens	Hyaline	Aseptate	KP217053	N/A	[225]
<i>N. hongkongensis</i>	CERC 2973*	Pathogens	Hyaline	Aseptate	KX278052	MF410096	[132]
<i>N. ilicii</i>	CGMCC 3.18311*	Endophytes	Pigmented	Septate	KY350150	N/A	[226]
<i>N. kwambonambiense</i>	CBS 123639	Pathogens/ endophytes	Hyaline	Aseptate	EU821900	MH874850	[19,227]
<i>N. lumnitzeriae</i>	CMW41469	Endophytes	Hyaline	Aseptate	KP860881	N/A	[143]
<i>N. luteum</i>	CBS 562.92	Pathogens/ endophytes	Hyaline	Aseptate	KX464170	N/A	[19,193]
<i>N. luteum</i>	CMW 41365*	Endophytes	Hyaline	Aseptate	KP860859	N/A	[143]
<i>N. macroclavatum</i>	CBS 118223*	Endophytes	Hyaline	Aseptate	DQ093196	KX464436	[19]
<i>N. magniconidium</i>	CSF5876*	Pathogens	Hyaline	Aseptate	MT028612	MT029166	[131]
<i>N. mangiferae</i>	CMW7024	Pathogens/ endophytes	Hyaline	Aseptate	AY615185	N/A	[193,226,228]
<i>N. mediterraneum</i>	CBS 121718*	Pathogens	Hyaline	Aseptate	GU251176	MH874696	[19,229]
<i>N. mediterraneum</i>	CBS 113083*	Pathogens	Hyaline	Aseptate	KX464186	KX464465	[6]
<i>N. mediterraneum</i>	CBS 113089*	Pathogens	Hyaline	Aseptate	KX464199	KX464481	[230]
<i>N. microconidium</i>	CERC 3497*	Pathogens	Hyaline	Aseptate	KX278053	MF410097	[132]
<i>N. ningerense</i>	CSF6028*	Pathogens	No asexual morph recorded		MT028613	MT029167	[131]
<i>N. nonquaesitum</i>	CBS 126655	Pathogens	Hyaline	Septate	MH864187	MH875645	[19]
<i>N. oculatum</i>	CBS 128008*	Endophytes/ Pathogens	Pigmented	Septate	EU301030	MH876179	[19,231]
<i>N. parviconidium</i>	CSF5667*	Pathogens	Hyaline	Aseptate	MT028615	MT029169	[131]
<i>N. parvum</i>	CBS 138823*	Endophytes/ pathogens/ saprobies	Hyaline	Aseptate	AY236943	N/A	[164,219]
<i>N. parvum</i>	CBS 137504*	Pathogens	Hyaline	Aseptate	KJ657702	N/A	[232]

<i>N. parvum</i>	MFLUCC 15-0900*	Saprobies	Pigmented	Septate	KY856755	N/A	[230]
<i>N. pennatisporum</i>	MUCC 510	Endophytes	Hyaline	Aseptate/septate	EF591925	NG_060253	[19]
<i>N. pistaciae</i>	CBS 595.76*	Pathogens	Hyaline	Aseptate	KX464163	MH872782	[6]
<i>N. protearum</i>	CBS 114176*	Pathogens/endophytes	Hyaline	Aseptate	AF452539	N/A	[19,30,227]
<i>N. ribis</i>	CBS 115475	Pathogens/endophytes	Hyaline	Aseptate	AY236935	N/A	[19,193,233]
<i>N. ribis</i>	CBS 124924	Endophytes/pathogens	Hyaline	Aseptate	FJ900607	KX464401	[19,128]
<i>N. ribis</i>	CBS 123645*	Endophytes/pathogens	Hyaline	Aseptate	EU821904	N/A	[19,128]
<i>N. sinense</i>	CGMCC 3.18315*	Saprobies	Hyaline	Septate	KY350148	N/A	[226]
<i>N. sinoeucalypti</i>	CERC 2005*	Pathogens	Hyaline	Aseptate	KX278061	MF410105	[132]
<i>N. stellenboschiana</i>	CBS 110864*	Pathogens/endophytes	Hyaline	Septate	AY343407	NG_058259	[6,8,230]
<i>N. terminaliae</i>	CBS 125264	Endophytes/pathogens	Hyaline	Aseptate/septate	GQ471802	KX464519	[234]
<i>N. ursorum</i>	CMW 24480*	Endophytes/pathogens/saprobies	Hyaline	Aseptate	FJ752746	N/A	[8,110]
<i>N. viticlavatum</i>	CBS 112878*	Pathogens/endophytes	Hyaline	Aseptate	AY343381	MH874474	[19,227,230]
<i>N. vitifusiforme</i>	CBS 110887	Pathogens/endophytes	Hyaline	Aseptate	AY343383	MH874455	[19,138,226]
<i>N. vitifusiforme</i>	CBS 120081*	Pathogens	Pigmented	Septate	DQ923533	MN162190	[235]
<i>N. yunnanense</i>	CSF6142*	Pathogens	Hyaline	Aseptate	MT028667	MT029193	[131]
<i>Neoscytalidium dimidiatum</i>	CBS 499.66	Pathogens	Hyaline/pigmented	Aseptate/septate	KF531820	DQ377925	[236]
<i>N. dimidiatum</i>	CBS 122071	Pathogens/endophytes	Pigmented	Septate	EF585540	KF766374	[18,96, 149, 237]
<i>N. dimidiatum</i>	MFLUCC 12-0533	Saprobies/pathogens	Hyaline	Septate	KU179865	KU179864	[238,239]
<i>Oblongocollomyces variabilis</i>	CBS 121774	Saprobies/endophytes	Pigmented	Septate	NR136994	KX464536	[6,138]
<i>Phaeobotryon aplosporum</i>	CFCC 53774	Pathogens	Pigmented	Aseptate	MN215836	MN215871	[121]
<i>P. cupressi</i>	CBS 124700	Pathogens/endophytes	Hyaline	Aseptate	FJ919672	KX464538	[19,117,239]
<i>P. mamane</i>	CPC 12440	Saprobies	Pigmented	Septate	EU673332	EU673248	[19,49]
<i>P. negundinis</i>	MFLUCC 15-0436	Pathogens/saprobies	Pigmented	Aseptate	KU820970	KU820971	[8,240]
<i>P. rhoinum</i>	CFCC 52450*	Pathogens	Pigmented	Septate	MH133924	MH133941	[105]
<i>P. rhois</i>	CFCC 89662	Saprobies/pathogens	No asexual morph recorded		KM030584	KM030591	[19,105]
<i>P. ulmi</i>	CBS 123.30	Saprobies	Pigmented	Septate	KX464232	DQ377861	[8]
<i>Sakireeta madreeya</i>	CBS 532.76	Saprobies	Hyaline	Aseptate	KC769960	DQ377940	[183]
<i>Sardiniella urbana</i>	CBS 141580	Pathogens	Pigmented	Septate	NR_155806	NG_060007	[221]
<i>Sphaeropsis chromolaenicola</i>	MFLUCC 17-1499*	Saprobies	No asexual morph recorded		NR_168871	MT214460	[107]

<i>S. citrigena</i>	ICMP 16812	Saprobies	Pigmented	Aseptate	EU673328	EU673246	[19]
<i>S. eucalypticola</i>	CBS 133993	Saprobies	No asexual morph recorded		JX646802	JX646819	[19]
<i>S. porosa</i>	STE-U 5132	Pathogens	Pigmented	Septate	AY343379	DQ377894	[19,241]
<i>S. visci</i>	CBS 100163	Pathogens/ saprobies	Pigmented	Aseptate	EU673324	EU754215	[19,183,242]
<i>Tiarospora corymbiae</i>	CBS 142532	Saprobies	Hyaline	Aseptate	KY979769	KY979824	[243]
<i>T. paludosa</i>	CPC 22701*	Pathogens or endophytes	Hyaline	Aseptate	NR_132907	KM108404	[183]
Melanopsaceae							
<i>Melanops castaneicola</i>	CFCC 52980*	Pathogens/ saprobies	Hyaline	Aseptate	MK203065	MK203069	[187]
<i>M. chinensis</i>	CFCC 52982*	Pathogens/ saprobies	Hyaline	Aseptate	MK203067	MK203071	[187]
<i>M. tulasnei</i>	CBS 118.39	Pathogens	Hyaline	Aseptate	FJ824771	DQ377856	[4]
<i>M. tulasnei</i>	CBS 116805	Saprobies	Hyaline	Aseptate	FJ824769	KF766365	[50]
Phyllostictaceae							
<i>Phyllosticta acaciigena</i>	CPC 28295	Saprobies	Hyaline	Aseptate	KY173433	KY173523	[15,40]
<i>P. bifrenariae</i>	CBS 128855*	Pathogens	Hyaline	Aseptate	NR_137770	NG_057993	[39]
<i>P. brazilianiae</i>	LGMF 330*	Endophytes	Hyaline	Aseptate	JF343572	KF206217	[39]
<i>P. capitalensis</i>	CBS 128856*	Endophytes/ pathogens	Hyaline	Aseptate	JF261465	KF206304	[39,41]
<i>P. carissicola</i>	CPC 25665	Endophytes/ pathogens/ saprobies	Hyaline	Aseptate	KT950849	KT950863	[115]
<i>P. minima</i>	CBS 111635	Pathogens	Hyaline	Aseptate	KF766215	EU754194	[3]
<i>P. parthenocissi</i>	CBS 111645	Pathogens	Hyaline	Aseptate	EU683672	DQ377876	[96]
<i>P. philoprina</i>	CBS 616.72	Endophytes	Pigmented	Aseptate	KF154279	KF766341	[3]
<i>P. podocarp</i>	CBS 111647	Endophytes/ saprobies	Hyaline	Aseptate	KF766217	KF766383	[3,42]
<i>P. rhizophorae</i>	NCYUCC 19-0352*	Endophytes	Hyaline	Aseptate	MT360030	MT360039	[244]
<i>Pseudofusicoccum adansoniae</i>	CBS 122055	Saprobies/ endophytes/ pathogens	Hyaline	Aseptate	EF585523	MH874715	[119,245,246]
<i>P. adansoniae</i>	CMW 26147	Endophytes/ saprobies	Hyaline	Aseptate	KF766220	KF766386	[119,245]
<i>P. ardesiacum</i>	CBS 122062	Endophytes/ Pathogens	Hyaline	Septate	EU144060	MH874717	[97]
<i>P. artocarp</i>	B0431	Endophytes	Pigmented	Septate	KM006452	N/A	[106]
<i>P. calophylli</i>	MFLUCC 17-2533*	Saprobies	Hyaline	Aseptate	NR_163339	N/A	[164]
<i>P. kimberleyenses</i>	CMW 26156	Endophytes	Hyaline	Septate	EU144057	KF766388	[19]
<i>P. olivaceum</i>	CMW22637	Endophytes/ pathogens	Hyaline	Aseptate	FJ888462	N/A	[19,128]

<i>P. stromaticum</i>	CBS 117448	Endophyte/ pathogens/ saprobes	Hyaline	Aseptate	AY693974	DQ377931	[19]
<i>P. violaceum</i>	CMW22681	Endophytes/ pathogens	Hyaline	Aseptate	FJ888475	N/A	[19,247]
Planistromellaceae							
<i>Kellermania anomala</i>	CBS 132218	Saprobes/ pathogens	Hyaline	Septate	KF766181	KF766351	[2,248]
<i>K. confusa</i>	CBS 131723	Saprobes	Hyaline	Septate	KF766174	KF766344	[2]
<i>K. crassispora</i>	CBS 131714	Saprobes	No asexual morph recorded		KF766175	KF766345	[2]
<i>K. dasylirionicola</i>	CBS 131720*	Saprobes	Hyaline	Aseptate	NR_165954	NG_042703	[2]
<i>K. dasylirionis</i>	CBS 131715	Saprobes	Hyaline	Septate	KF766177	KF766347	[2]
<i>K. macrospora</i>	CBS 131716	Saprobes	Hyaline	Septate	KF766178	KF766348	[2]
<i>K. micranthae</i>	CBS 131724	Saprobes	Hyaline	Aseptate	NR_120197	NG042706	[2]
<i>K. nolinae</i>	CBS 131717	Saprobes	Hyaline	Septate	KF766180	KF766350	[2]
<i>K. nolinifoliorum</i>	CBS 131718	Saprobes	Hyaline	Septate	JX444861	JX444877	[2]
<i>K. plurilocularis</i>	CBS 131719	Saprobes	Hyaline	Aseptate	KF766181	KF766351	[2]
<i>K. ramaleyae</i>	CBS 131722*	Saprobes	Hyaline	Septate	NR_120201	NG_042710	[2]
<i>K. rostratae</i>	CBS 131721*	Saprobes	Hyaline	Aseptate	NR_120202	NG_042711	[2]
<i>K. uniseptata</i>	CBS 131725	Saprobes	Hyaline	Septate	KF766184	KF766354	[2]
<i>K. yuccifoliorum</i>	CBS 131726	Saprobes/ pathogens	Hyaline	Septate	KF766185	KF766355	[2,249]
<i>K. yuccigena</i>	CBS 131727	Saprobes/ endophytes	Hyaline	Septate	KF766186	KF766356	[2,250]
<i>Umthunziomyces hagahagensis</i>	CPC 29917	Saprobes	Hyaline	Aseptate	KY173472	KY173561	[2]
Saccharataceae							
<i>Pileospora piceae</i>	NB-334-4A	Endophytes	Hyaline	Aseptate	MH144181	MH144184	[251]
<i>Saccharata acaciae</i>	CBS:143167*	Pathogens	Hyaline	Aseptate	NR_156651	NG_058503	[252]
<i>S. banksiae</i>	CPC 27698	Saprobes	Hyaline	Aseptate	KY173449	KY173539	[15]
<i>S. capensis</i>	CBS:122693*	Saprobes	Hyaline	Aseptate	NR_121347	MH874758	[30]
<i>S. daviesiae</i>	CPC 29174	Saprobes	Hyaline	Septate	KY173450	KY173540	[15]
<i>S. eucalypti</i>	CBS 140665	Saprobes	Hyaline	Septate	KT950857	KT950871	[15]
<i>S. eucalyptorum</i>	CPC 29222	Pathogens	Hyaline	Aseptate	KY173451	KY173541	[15]
<i>S. hakeae</i>	CPC 29204	Pathogens	Hyaline	Aseptate	KY173452	KY173542	[15]
<i>S. intermedia</i>	CBS 125546*	Endophytes	Hyaline	Aseptate	NR_156539	NG_057856	[253]
<i>S. kirstenboschensis</i>	CBS 123537	Endophytes	Hyaline	Aseptate	KF766225	FJ372409	[14]
<i>S. lambertiae</i>	CPC 29216	Saprobes	Hyaline	Aseptate/ septate	KY173459	KY173549	[15]
<i>S. leucospermi</i>	CBS:122694*	Saprobes	Hyaline	Aseptate	NR_168142	N/A	[230]
<i>S. petrophiles</i>	CPC 29151	Endophytes	Hyaline	Aseptate	KY173463	KY173553	[15]
<i>S. proteae</i>	CBS 115206	Saprobes/ endophytes/ pathogens	Hyaline	Aseptate	KF766226	DQ377882	[11,14,29, 230]
<i>Septorioides pini-thunbergii</i>	CBS 473.91	Endophytes/ pathogens	Hyaline	Aseptate	KF251243	KF251746	[5,254]
<i>S. strobii</i>	CBS141443	Pathogens	Hyaline	Aseptate/ septate	KT884699	KT884685	[5]
<i>S. strobii</i>	CBS141444	Pathogens	Hyaline	Aseptate/ septate	KT884700	KT884686	[5]

Acrospermales							
Acrospermum longisporium	MFLU 17-2849	Saprobies	No asexual morph recorded		N/A	MG815827	[139]
Asterinales							
Morenoina palmicola	MFLUCC 15-0284	Saprobies	No asexual morph recorded		MK120273	MK120272	[255]
Cladosporiales							
Cladosporium cladosporioides	CBS 127286	Endophytes	Pigmented	Aseptate	MH864505	MH875942	[256]
C. endophyticum	MFLU 18-0005	Endophytes	Hyaline	Aseptate	MG646956	MG646949	[257]
Toxicocladosporium cacti	CBS 141539	Endophytes	Pigmented	Aseptate	NR_152376	NG_069452	[258]
T. immaculatum	CBS 141540	Endophytes	Hyaline	Aseptate	NG_058459	NR_152377	[258]
Dothideales							
Aureobasidium microstictum	CBS 342. 66	Endophytes/ pathogens	Hyaline	Aseptate	FJ150903	FJ150945	[259]
A. proteae	CPC 2824	Endophytes/ pathogens	Hyaline	Aseptate	JN712491	JN712557	[224]
A. pullulans	CBS 109810	Endophytes	Hyaline	Aseptate	FJ150901	FJ150953	[181]
A. pullulans	MFLUCC 14-0288	Endophytes/ saprobies/ pathogens	Hyaline	Aseptate	KM388542	KM461701	[181,260]
Diaporthe arengae	CBS 114979	Endophytes	Hyaline	Aseptate	NR_111843	N/A	[261]
D. pandanicola	MFLUCC 17-0607	Endophytes	No asexual morph recorded		NR_172400	N/A	[257]
Kabatiella bupleuri	CBS 131304	Endophytes/ saprobies	Hyaline/ pigmented	Aseptate/se ptate	KT693738	N/A	[262]
Sydowia polyspora	CBS 116. 29	Endophytes/ pathogens	Hyaline	Aseptate	MH855019	MH866487	[42,263]
Dyfolomycetales							
Dyfolomyces tiomanensis	MFLUCC13-0440	Saprobies	No asexual morph recorded		MK028714	MK026760	[264]
Melomastia fusispora	HKAS 121316	Saprobies	No asexual morph recorded		OK623480	OK623464	[265]
Hysteriales							
Hysterium angustatum	MFLUCC 11-0004	Saprobies	Hyaline	Aseptate	MN608547	MN577416	[266]
Jahnulales							
Manglicola guatemalensis	BCC20156	Saprobies	No asexual morph recorded		JN819283	FJ743448	[267]
Kirschsteiniotheliales							
Taeniolella exilis	CBS122902	Endophytes	Pigmented	Aseptate/ septate	MW883451	KX244968	[268]
Magnaporthales							
Mycoleptodiscus atromaculans	MUCL 34983	Endophytes	Hyaline	Aseptate	MK487736	MK487709	[42,269]
Minutisphaerales							
Minutisphaera aquaticum	MFLU 19-2846	Saprobies	No asexual morph recorded		MN857185	MN857176	[270]
M. fimbriatispora	G155-1	Saprobies	No asexual morph recorded		JX474873	JX474859	[271]

Muyocoprionales							
Muyocopron dipterocarpi	MFLU 15-1132	Saprobies	No asexual morph recorded		MT137785	KU726966	[272]
Mycosphaerellales							
Acidomyces acidophilus	CBS 125382	Endophytes	No asexual morph recorded		MH863600	MH875076	[273]
Cercospora beticola	CFSCD 6	Endophytes/ pathogens	Hyaline	Aseptate	MZ398294	N/A	[110,274]
Zasmidium scaevolicola	CBS 127009	Endophytes/ pathogens	Pigmented	Septate	NR_156565	KF251789	[275]
Pleosporales							
Acrocalymma vagum	BRPCR16	Endophytes	Pigmented	Septate	MT658022	OL687556	[276]
Alternaria alternata	SF-001	Endophytes/ saprobies/ pathogens	Pigmented	Septate	MW866522	MZ275253	[42,277]
A. arbusti	CBS 596. 93	Endophytes	Pigmented	Septate	MH862447	MH874095	[278]
A. burnsii	L1	Endophytes/ pathogens	Pigmented	Septate	MZ067801	N/A	[257]
Bambusicola massarinia	MFLUCC 11-0389	Saprobies	Pigmented	Septate	NR_121548	NG_058658	[279]
Bipolaris drechsleri	CBS 136207	Endophytes/ pathogens	Pigmented	Aseptate	MH866089	MH877614	[42,110]
B. zeae	CBS 127735	Endophytes	Pigmented	Aseptate	MH864763	MH876203	[110,280]
Curvularia aeria	CBS 533. 70	Endophytes	Pigmented	Septate	MH859836	MH871614	[281]
C. intermedia	C34	Endophytes	Pigmented	Septate	MK304232	N/A	[110,282]
Edenia gomezpompae	CBS 124106	Endophytes/ pathogens	Hyaline	Aseptate	MH863351	MH874875	[110,253]
Kirschsteiniotelia lignicola	MFLUCC10-0036	Saprobies	Pigmented	Septate	HQ441567	HQ441568	[283]
Lophiostoma corticola	FeC108	Endophytes	No asexual morph recorded		MW446986	N/A	[274]
Massarina pandanicola	MFLUCC 17-0596	Endophytes	Hyaline	Aseptate	MG646958	NG_064488	[257]
Neoplatysporoides aloicola	CPC 24435	Endophytes	Pigmented	Septate	KR476719	KR476754	[284]
Paraconiothyrium babiogorensis	CBS 128292	Endophytes	Pigmented	Aseptate/ septate	MH864845	MH876291	[42,285]
Petrakia irregularis	CBS 306. 67	Endophytes	Pigmented	Septate	MH858977	MH870670	[42,286]
Phomatodes nebulosa	CBS 503. 75	Endophytes/ saprobies/ pathogens	Hyaline	Aseptate	GU237875	GU238115	[42,161]
Stagonospora nodorum	CBS 127171	Endophytes/ pathogens	Hyaline	Aseptate	MH864458	MH875898	[42,287]
Strigulales							
Strigula acuticonidiarum	HMAS L0138045	Endophytes	Hyaline	Septate	NR_146254	N/A	[288]
Valsariales							
Myrmaecium fulvopruinatum	CFCC 52769	Pathogens/ Saprobies	Hyaline	Aseptate	MH458908	MH458902	[187]
Venturiales							

<i>Fusicladium betulae</i>	R6	Endophytes	Pigmented	Septate	AY671908	N/A	[289]
<i>Venturia cephalariae</i>	CBS 372.55	Pathogens	No asexual morph recorded		EU035451	N/A	[290]
<i>V. fraxini</i>	CBS 374. 55	Endophytes	Pigmented	Septate/Aseptate	KC464358	MH869056	[291]
<i>V. orni</i>	CBS 140924	Endophytes	Pigmented	Septate/Aseptate	NR_170751	NG_070941	[291]
<i>Tubeufiales</i> (outgroup)							
<i>Helicomyces roseus</i>	CBS 283.51	Saprobies/endophytes	Hyaline	Septate	AY916464	AY856881	[292,293]
<i>Helicosporium guianense</i>	CBS 269.52	Saprobies	Hyaline	Septate	AY916487	AY856893	[292]

“N/A” sequences data are not available, ? : Problematic synonyms.