

Table S1. Culture collection numbers and GenBank accession numbers for *Pestalotiopsis* used in this study. The type species are indicated in bold. The newly generated sequences are indicated in red. Instances where the GenBank Accession No. did not show the molecular data are marked with a dash.

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1a</i>	<i>tub2</i>
<i>Pestalotiopsis abietis</i>	CFCC 53011	<i>Abies fargesii</i>	China	MK397013	MK622277	MK622280
<i>P. abietis</i>	CFCC 53012	<i>Abies fargesii</i>	China	MK397014	MK622278	MK622281
<i>P. adusta</i>	ICMP 6088	<i>Refrigerator door</i>	Fiji	JX399006	JX399070	JX399037
<i>P. adusta</i>	MFLUCC 10–146	<i>Syzygium</i> sp.	Thailand	JX399007	JX399071	JX399038
<i>P. aggestorum</i>	LC 6301	<i>Camellia sinensis</i>	China	KX895015	KX895234	KX895348
<i>P. aggestorum</i>	LC 8186	<i>Camellia sinensis</i>	China	KY464140	KY464150	KY464160
<i>P. alloschemones</i>	CGMCC 3.23480	<i>Alloschemone occidentalis</i>	China	OR247981	OR361456	OR381056
<i>P. alloschemones</i>	LC15841	<i>Alloschemone occidentalis</i>	China	OR247982	OR361457	OR381057
<i>P. alpinicola</i>	HJAUP C1644.221	<i>Alpinia zerumbet</i>	China	PP962274	PP952249	PP952219
<i>P. alpinicola</i>	HJAUP C1644.222	<i>Alpinia zerumbet</i>	China	PP962275	PP952248	PP952220
<i>P. anacardiacearum</i>	IFRDCC 2397	<i>Mangifera indica</i>	China	KC247154	KC247156	KC247155
<i>P. anhuiensis</i>	CFCC 54791	<i>Cyclobalanopsis glauca</i>	China	ON007028	ON005045	ON005056
<i>P. aporosae-dioicae</i>	SAUCC224004	<i>Aporosa dioica</i>	China	OR733506	OR912988	OR912985

Table S1. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1a</i>	<i>tub2</i>
<i>P. aporosae-dioicae</i>	SAUCC224005	<i>Aporosa dioica</i>	China	OR733505	OR912989	OR912986
<i>P. appendiculata</i>	CGMCC 3.23550	<i>Rhododendron decorum</i>	China	OP082431	OP185509	OP185516
<i>P. arceuthobii</i>	CBS 434.65	<i>Arceuthobium campylopodum</i>	USA	KM199341	KM199516	KM199427
<i>P. arengae</i>	CBS 331.92	<i>Arenga undulatifolia</i>	Singapore	KM199340	KM199515	KM199426
<i>P. australasiae</i>	CBS 114126	<i>Knightsia</i> sp.	New Zealand	KM199297	KM199499	KM199409
<i>P. australasiae</i>	CBS 114141	<i>Protea</i> sp.	New South Wales	KM199298	KM199501	KM199410
<i>P. australis</i>	CBS 111503	<i>Protea neriifolia</i> × <i>susannae</i> cv. 'Pink Ice'	South Africa	KM199331	KM199557	KM199382
<i>P. australis</i>	CBS 114193	<i>Grevillea</i> sp.	New South Wales	KM199332	KM199475	KM199383
<i>P. biappendiculata</i>	CGMCC 3.23487	<i>Rhododendron</i> sp.	China	OR247984	OR361459	OR381059
<i>P. biappendiculata</i>	LC4282	<i>Rhododendron</i> sp.	China	OR247990	OR361465	OR381065
<i>P. biciliata</i>	CBS 124463	<i>Platanus</i> × <i>hispanica</i>	Slovakia	KM199308	KM199505	KM199399
<i>P. biciliata</i>	CBS 236.38	<i>Paeonia</i> sp.	Italy	KM199309	KM199506	KM199401
<i>P. brachiata</i>	LC 2988	<i>Camellia</i> sp.	China	KX894933	KX895150	KX895265
<i>P. brachiata</i>	LC 8188	<i>Camellia</i> sp.	China	KY464142	KY464152	KY464162

Table S1. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1a</i>	<i>tub2</i>
<i>P. brassicae</i>	CBS 170.26	<i>Brassica napus</i>	New Zealand	KM199379	KM199558	-
<i>P. camelliicola</i>	HJAUP C1804.221	<i>Camellia japonica</i>	China	PP962357	PP952236	PP952229
<i>P. camelliicola</i>	HJAUP C1804.222	<i>Camellia japonica</i>	China	PP962358	PP952235	PP952230
<i>P. camelliae</i>	MFLUCC 12– 0277	<i>Camellia japonica</i>	China	JX399010	JX399074	JX399041
<i>P. camelliae–oleiferae</i>	CSUFTCC 08	<i>Camelliae oleiferae</i>	China	OK493593	OK507963	OK562368
<i>P. camelliae–oleiferae</i>	CSUFTCC 09	<i>Camelliae oleiferae</i>	China	OK493594	OK507964	OK562369
<i>P. cangshanensis</i>	CGMCC 3.23544	<i>Rhododendron delavayi</i>	China	OP082426	OP185510	OP185517
<i>P. castanopsidis</i>	CFCC 54430	<i>Castanopsis lamontii</i>	China	OK339732	OK358493	OK358508
<i>P. castanopsidis</i>	CFCC 54305	<i>Castanopsis hystrix</i>	China	OK339733	OK358494	OK358509
<i>P. chamaeropsis</i>	CBS 186.71	<i>Chamaerops humilis</i>	Italy	KM199326	KM199473	KM199391
<i>P. chamaeropsis</i>	CFCC 55122	<i>Quercus aliena</i>	China	OM746229	OM840001	OM839902
<i>P. changjiangensis</i>	CFCC 54314	<i>Castanopsis tonkinensis</i>	China	OK339739	OK358500	OK358515
<i>P. changjiangensis</i>	CFCC 54433	<i>Castanopsis hainanensis</i>	China	OK339740	OK358501	OK358516
<i>P. chaoyangensis</i>	CFCC 55549	<i>Euonymus japonicus</i>	China	OQ344763	OQ410582	OQ410584
<i>P. chaoyangensis</i>	CFCC 58805	<i>Euonymus japonicus</i>	China	OQ344764	OQ410583	OQ410585

Table S1. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1a</i>	<i>tub2</i>
<i>P. Chiangmaiensis</i>	MFLUCC 22–0127	<i>Phyllostachys edulis</i>	Thailand	OP497990	OP753374	OP752137
<i>P. chiaroscuro</i>	BRIP 72970	<i>Sporobolus natalensis</i>	Australia	OK422510	OK423753	OK423752
<i>P. chinensis</i>	MFLUCC 12–0273	-	China	JX398995	-	-
<i>P. clavata</i>	MFLUCC 12–0268	<i>Buxus</i> sp.	China	JX398990	JX399056	JX399025
<i>P. colombiensis</i>	CBS 118553	<i>Eucalyptus urograndis</i>	Colombia	KM199307	KM199488	KM199421
<i>P. cratoxylis</i>	CGMCC 3.23512	<i>Cratoxylum cochinchinense</i>	China	OR248005	OR361480	OR381080
<i>P. cratoxylis</i>	LC8772	<i>Cratoxylum cochinchinense</i>	China	OR248004	OR361479	OR381079
<i>P. cyclobalanopsidis</i>	CFCC 54328	<i>Cyclobalanopsis glauca</i>	China	OK339735	OK358496	OK358511
<i>P. cyclobalanopsidis</i>	CFCC 55891	<i>Cyclobalanopsis glauca</i>	China	OK339736	OK358497	OK358512
<i>P. cyclosora</i>	HJAUP C1724.221	<i>Cyclosorus interruptus</i>	China	PP962279	PP952247	PP952221
<i>P. cyclosora</i>	HJAUP C1724.222	<i>Cyclosorus interruptus</i>	China	PP962280	PP952246	PP952222
<i>P. daliensis</i>	CGMCC 3.23548	<i>Rhododendron decorum</i>	China	OP082429	OP185511	OP185518
<i>P. dianellae</i>	CBS 143421	<i>Dianella</i> sp.	Australia	MG386051	-	MG386164
<i>Pestalotiopsis digitalis</i>	MFLU 14–0208	<i>Digitalis purpurea</i>	New Zealand	KP781879	-	KP781883

Table S1. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1a</i>	<i>tub2</i>
<i>P. dilucida</i>	LC3232	<i>Camellia sinensis</i>	China	KX894961	KX895178	KX895293
<i>P. dilucida</i>	LC8184	<i>Camellia sinensis</i>	China	KY464138	KY464148	KY464158
<i>P. diploclisiae</i>	CBS 115449	<i>Psychotria tutcheri</i>	China	KM199314	KM199485	KM199416
<i>P. diploclisiae</i>	CBS 115587	<i>Diploclisia glaucescens</i>	China	KM199320	KM199486	KM199419
<i>P. disseminata</i>	CBS 143904	<i>Persea americana</i>	New Zealand	MH554152	MH554587	MH554825
<i>P. disseminata</i>	MEAN 1165	<i>Pinus pinea</i>	Portugal	MT374687	MT374699	MT374712
<i>P. diversiseta</i>	MFLUCC 12–0287	<i>Rhododendron</i> sp.	China	JX399009	JX399073	JX399040
<i>P. doitungensis</i>	MFLUCC 14–0115	<i>Dendrobium</i> sp.	Thailand	MK993574	MK975832	MK975837
<i>P. dracaenae</i>	HGUP 4037	<i>Dracaena fragrans</i>	China	-	MT598644	MT598645
<i>P. dracaenicola</i>	MFLUCC 18–0913	<i>Dracaena</i> sp.	Thailand	MN962731	MN962732	MN962733
<i>P. dracaenicola</i>	MFLUCC 18–0914	<i>Dracaena</i> sp.	Thailand	MN962734	MN962735	MN962736
<i>P. dracontomelonis</i>	MFLU 14–0207	<i>Dracontomelon dao</i>	Thailand	KP781877	KP781880	-
<i>P. eleuthero-</i> <i>cocci</i>	HMJAU 60189	<i>Eleutherococcus</i> <i>brachypus</i>	China	OL996126	-	-
<i>P. eleuthero-</i> <i>cocci</i>	HMJAU 60190	<i>Eleutherococcus</i> <i>brachypus</i>	China	OL996127	-	OL898722
<i>P. endophytica</i>	MFLUCC 18–0932	<i>Magnolia garrettii</i>	Thailand	MW263946	MW417119	-

Table S1. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1a</i>	<i>tub2</i>
<i>P. ericacearum</i>	IFRDCC 2439	<i>Rhododendron delavayi</i>	China	KC537807	KC537814	KC537821
<i>P. eriobotryae</i>	HJAUP C1742.221	<i>Eriobotrya japonica</i>	China	PP962289	PP952238	PP952227
<i>P. eriobotryae</i>	HJAUP C1742.222	<i>Eriobotrya japonica</i>	China	PP962291	PP952237	PP952228
<i>P. etonensis</i>	BRIP 66615	<i>Sporobolus jacquemontii</i>	Australia	MK966339	MK977635	MK977634
<i>P. exudata</i>	CGMCC 3.23488	<i>Aucuba japonica</i>	China	OR247985	OR361460	OR381060
<i>P. exudata</i>	LC15850	<i>Aucuba japonica</i>	China	OR247986	OR361461	OR381061
<i>P. ficicrescens</i>	HGUP 861	<i>Camellia japonica</i>	China	MZ477311	MZ868328	MZ868301
<i>P. foliicola</i>	CFCC 54440	<i>Castanopsis faberi</i>	China	ON007029	ON005046	ON005057
<i>P. foliicola</i>	CFCC 57359	<i>Castanopsis faberi</i>	China	ON007030	ON005047	ON005058
<i>P. formosana</i>	NTUCC 17-009	<i>Poaceae</i> sp.	China	MH809381	MH809389	MH809385
<i>P. formosana</i>	NTUCC 17-010	<i>Poaceae</i> sp.	China	MH809382	MH809390	MH809386
<i>P. furcata</i>	MFLUCC 12-0054	<i>Camellia sinensis</i>	Thailand	JQ683724	JQ683740	JQ683708
<i>P. furcata</i>	LC6691	<i>Camellia sinensis</i>	China	KX895030	KX895248	KX895363
<i>P. fusiformis</i>	CGMCC 3.23495	<i>Rhododendron</i> sp.	China	OR247995	OR361470	OR381070
<i>P. fusiformis</i>	LC15852	<i>Rhododendron</i> sp.	China	OR247996	OR361471	OR381071
<i>P. fusioidea</i>	CGMCC 3.23545	<i>Rhododendron delavayi</i>	China	OP082427	OP185512	OP185519
<i>P. ganzhouensis</i>	CGMCC 3.23489	<i>Cinnamomum camphora</i>	China	OR247987	OR361462	OR381062
<i>P. ganzhouensis</i>	LC5089	<i>Cinnamomum camphora</i>	China	OR247998	OR361473	OR381073
<i>P. gardeniae</i>	HJAUP C1729.221	<i>Gardenia jasminoides</i>	China	PP962285	PP952241	PP952225
<i>P. gardeniae</i>	HJAUP C1729.222	<i>Gardenia jasminoides</i>	China	PP962286	PP952240	PP952226
<i>P. gaultheriae</i>	IFRD 411-014	<i>Gaultheria forrestii</i>	China	KC537805	KC537812	KC537819

Table S1. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1α</i>	<i>tub2</i>
<i>P. gibbosa</i>	NOF 3175	<i>Gaultheria shallon</i>	Canada	LC311589	LC311591	LC311590
<i>P. grevilleae</i>	CBS 114127	<i>Grevillea</i> sp.	Australia	KM199300	KM199504	KM199407
<i>P. guangdongensis</i>	ZHKUCC 22–0016	<i>Arenga pinnata</i>	China	ON180762	ON221520	ON221548
<i>P. guangdongensis</i>	ZHKUCC 22–0017	<i>Arenga pinnata</i>	China	ON180763	ON221521	ON221549
<i>P. guangxiensis</i>	CFCC 54308	<i>Quercus griffithii</i>	China	OK339737	OK358498	OK358513
<i>P. guangxiensis</i>	CFCC 54300	<i>Quercus griffithii</i>	China	OK339738	OK358499	OK358514
<i>P. guizhouensis</i>	CFCC 57364	<i>Cyclobalanopsis glauca</i>	China	ON007036	ON005053	ON005064
<i>P. hawaiiensis</i>	CBS 114491	<i>Leucospermum</i> sp.	USA	KM199339	KM199514	KM199428
<i>P. hederæ</i>	HJAUP C1638.221	<i>Hedera helix</i>	China	PP962270	PP952252	PP952234
<i>P. hederæ</i>	HJAUP C1638.222	<i>Hedera helix</i>	China	PP962271	-	PP952216
<i>P. hispanica</i>	CBS 115391	<i>Protea</i> sp.	Spain	MH553981	MH554399	MH554640
<i>P. hollandica</i>	CBS 265.33	<i>Sciadopitys verticillata</i>	Netherlands	KM199328	KM199481	KM199388
<i>P. hollandica</i>	MEAN 1091	<i>Pinus pinea</i>	Portugal	MT374678	MT374691	MT374703
<i>P. humicola</i>	CBS 336.97	Soil	Papua New Guinea	KM199317	KM199484	KM199420
<i>P. hunanensis</i>	CSUFTCC15	<i>Camellia oleifera</i>	China	OK493599	OK507969	OK562374
<i>P. hunanensis</i>	CSUFTCC18	<i>Camellia oleifera</i>	China	OK493600	OK507970	OK562375
<i>P. hydei</i>	MFLUCC 20–0135	<i>Litsea petiolata</i>	Thailand	MW266063	MW251113	MW251112

Table S1. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1α</i>	<i>tub2</i>
<i>P. iberica</i>	CAA 1004	<i>Pinus radiata</i>	Spain	MW732248	MW759038	MW759035
<i>P. iberica</i>	CAA 1006	<i>Pinus radiata</i>	Spain	MW732249	MW759039	MW759036
<i>P. inflexa</i>	MFLUCC 12–0270	<i>Unidentified tree</i>	China	JX399008	JX399072	JX399039
<i>P. intermedia</i>	MFLUCC 12–0259	<i>Unidentified tree</i>	China	JX398993	JX399059	JX399028
<i>P. italiana</i>	MFLU 14–0214	<i>Cupressus glabra</i>	Italy	KP781878	KP781881	KP781882
<i>P. jesteri</i>	MFLUCC12–0279	<i>Fagraea bodenii</i>	China	JX399012	JX399076	JX399043
<i>P. jiangsuensis</i>	CFCC 59538	<i>Pinus massoniana</i>	China	OR533577	OR539186	OR539191
<i>P. jiangsuensis</i>	CFCC 59539	<i>Pinus massoniana</i>	China	OR533578	OR539187	OR539192
<i>P. jiangxiensis</i>	LC4399	<i>Camellia</i> sp.	China	KX895009	KX895227	KX895341
<i>P. jiangxiensis</i>	LC4242	<i>Eurya</i> sp.	China	KX895035	KX895213	KX895327
<i>P. jinchanghensis</i>	LC6636	<i>Camellia sinensis</i>	China	KX895028	KX895247	KX895361
<i>P. jinchanghensis</i>	LC8190	<i>Camellia sinensis</i>	China	KY464144	KY464154	KY464164
<i>P. kaki</i>	KNU–PT–1804	<i>Diospyros kaki</i>	Korea	LC552953	LC553555	LC552954
<i>P. kandelicola</i>	NCYUCC 19–0355	<i>Kandelia candel</i>	China	MT560723	MT563102	MT563100
<i>P. kenya</i>	CBS 442.67	<i>Coffea</i> sp.	Kenya	KM199302	KM199502	KM199395
<i>P. kenya</i>	LC6633	<i>Camellia sinensis</i>	China	KX895027	KX895246	KX895360
<i>P. knightiae</i>	CBS 114138	<i>Knightia</i> sp.	New Zealand	KM199310	KM199497	KM199408
<i>P. krabiensis</i>	MFLUCC 16–0260	<i>Pandanus</i> sp.	Thailand	MH388360	MH388395	MH412722
<i>P. leucadendri</i>	CBS 121417	<i>Leucadendron</i> sp.	South Africa	MH553987	MH554412	MH554654
<i>P. licualicola</i>	HGUP 4057	<i>Licuala grandis</i>	China	KC492509	KC481684	KC481683

Table S1. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1α</i>	<i>tub2</i>
<i>P. lijiangensis</i>	CFCC 50738	<i>Castanopsis carlesii</i> <i>var.spinulosa</i>	China	KU860520	KU844185	KU844184
<i>P. linearis</i>	MFLUCC 12–0271	<i>Trachelospermum</i> sp.	China	JX398992	JX399058	JX399027
<i>P. linguae</i>	ZHKUCC 22–0159	<i>Pyrrosia lingua</i>	China	OP094104	OP186110	OP186108
<i>P. linguae</i>	ZHKUCC 22–0160	<i>Pyrrosia lingua</i>	China	OP094103	OP186109	OP186107
<i>P. lithocarpus</i>	CFCC 55100	<i>Lithocarpus</i> <i>chiungchungensis</i>	China	OK339742	OK358503	OK358518
<i>P. lithocarpus</i>	CFCC 55893	<i>Lithocarpus</i> <i>chiungchungensis</i>	China	OK339743	OK358504	OK358519
<i>P. lobata</i>	CGMCC 3.23467	<i>Lithocarpus glaber</i>	China	OR247976	OR361451	OR381051
<i>P. lobata</i>	LC15843	<i>Lithocarpus glaber</i>	China	OR247977	OR361452	OR381052
<i>P. loeiana</i>	MFLUCC 22–0123	Dead leaves	Thailand	OP497988	OP737881	OP713769
<i>P. longiappendiculata</i>	LC3013	<i>Camellia sinensis</i>	China	KX894939	KX895156	KX895271
<i>P. lushanensis</i>	LC4344	<i>Camellia</i> sp.	China	KX895005	KX895223	KX895337
<i>P. lushanensis</i>	LC8182	<i>Camellia</i> sp.	China	KY464136	KY464146	KY464156
<i>P. macadamiae</i>	BRIP 63738b	<i>Macadamia</i> <i>integrifolia</i>	Australia	KX186588	KX186621	KX186680
<i>P. macadamiae</i>	BRIP 63739b	<i>Macadamia integrifolia</i>	Australia	KX186587	KX186620	KX186679
<i>P. machili</i>	CGMCC 3.23511	<i>Machilus</i> sp.	China	OR248003	OR361478	OR381078
<i>P. machiliana</i>	HJAUP C1790.221	<i>Machilus pauhoi</i>	China	PP962355	PP952253	PP952214
<i>P. machiliana</i>	HJAUP C1790.222	<i>Machilus pauhoi</i>	China	PP962356	PP952254	PP952215

Table S1. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1α</i>	<i>tub2</i>
<i>P. malayana</i>	CBS 102220	<i>Macaranga triloba</i>	Malaysia	KM199306	KM199482	KM199411
<i>P. mangifericola</i>	HJAUP C1639.221	<i>Mangifera indica</i>	China	PP962272	PP952251	PP952217
<i>P. mangifericola</i>	HJAUP C1639.222	<i>Mangifera indica</i>	China	PP962273	PP952250	PP952218
<i>P. manyueyuanani</i>	NTUPPMCC 18-165	<i>Ophiocordyceps</i> sp.	China	OR125060	OR126313	OR126306
<i>P. manyueyuanani</i>	NTUPPMCC 22-012	<i>Ophiocordyceps</i> sp.	China	OR125061	OR126314	OR126307
<i>P. menhaiensis</i>	YN3A1	<i>Camellia sinensis</i>	China	KU252272	KU252401	KU252488
<i>P. monochaeta</i>	CBS 144.97	<i>Quercus robur</i>	Netherlands	KM199327	KM199479	KM199386
<i>P. monochaeta</i>	CBS 440.83	<i>Taxus baccata</i>	Netherlands	KM199329	KM199480	KM199387
<i>P. multiappendiculata</i>	CGMCC 3.23514	-	China	OR248008	OR361483	OR381083
<i>P. multicolor</i>	CFCC59981	<i>Taxus chinensis</i>	China	OQ626676	OQ714341	OQ714336
<i>P. multicolor</i>	CFCC59982	<i>Taxus chinensis</i>	China	OQ771896	OQ779483	OQ779488
<i>P. nanjingensis</i>	CSUFTCC20	<i>Camellia oleifera</i>	China	OK493603	OK507973	OK562378
<i>P. nanjingensis</i>	CSUFTCC04	<i>Camellia oleifera</i>	China	OK493604	OK507974	OK562379
<i>P. nanningensis</i>	CSUFTCC10	<i>Camellia oleifera</i>	China	OK493596	OK507966	OK562371
<i>P. nanningensis</i>	CSUFTCC11	<i>Camellia oleifera</i>	China	OK493597	OK507967	OK562372
<i>P. nannuoensis</i>	SAUCC232203	<i>Unknown host</i>	China	OR733504	OR912991	OR863909
<i>P. nannuoensis</i>	SAUCC232204	<i>Unknown host</i>	China	OR733503	OR912992	OR863910
<i>P. neglecta</i>	TAP1100	<i>Quercus myrsinaefolia</i>	Japan	AB482220	LC311600	LC311599
<i>P. neolitseae</i>	NTUCC 17-011	<i>Neolitsea villosa</i>	China	MH809383	MH809391	MH809387

Table S1. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1α</i>	<i>tub2</i>
<i>P. neolitseae</i>	CFCC 54590	<i>Lithocarpus amygdalifolius</i>	China	OK339744	OK358505	OK358520
<i>P. novae-hollandiae</i>	CBS 130973	<i>Banksia grandis</i>	Australia	KM199337	KM199511	KM199425
<i>P. oryzae</i>	CBS 111522	<i>Telopea</i> sp.	USA	KM199294	KM199493	KM199394
<i>P. oryzae</i>	CBS 171.26	-	Italy	KM199304	KM199494	KM199397
<i>P. oryzae</i>	CBS 353.69	<i>Oryza sativa</i>	Denmark	KM199299	KM199496	KM199398
<i>P. pallidothaeae</i>	MAFF 240993	<i>Pieris japonica</i>	Japan	NR111022	LC311585	LC311584
<i>P. pandanicola</i>	MFLUCC 16–0255	<i>Pandanus</i> sp.	Thailand	MH388361	MH388396	MH412723
<i>P. papuana</i>	CBS 331.96	<i>Coastal soil</i>	Papua New Guinea	KM199321	KM199491	KM199413
<i>P. papuana</i>	CBS 887.96	<i>Cocos nucifera</i>	Papua New Guinea	KM199318	KM199492	KM199415
<i>P. parva</i>	CBS 265.37	<i>Delonix regia</i>	-	KM199312	KM199508	KM199404
<i>P. parva</i>	CBS 278.35	<i>Leucothoe fontanesiana</i>	-	KM199313	KM199509	KM199405
<i>P. photinicola</i>	GZCC 16–0028	<i>Photinia serrulata</i>	China	KY092404	KY047662	KY047663
<i>P. phyllostachydis</i>	ZHKUCC 23–0873	-	China	OR343210	OR367675	OR367676
<i>P. pini</i>	MEAN 1092	<i>Pinus pinea</i>	Portugal	MT374680	MT374693	MT374705
<i>P. pinicola</i>	KUMCC 19–0183	<i>Pinus armandii</i>	China	MN412636	MN417509	MN417507
<i>P. piraubensis</i>	COAD 2165	<i>Psidium guajava</i>	Brazil	MH627381	MH643774	MH643773
<i>P. portugalica</i>	CBS 393.48	-	Portugal	KM199335	KM199510	KM199422

Table S1. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1α</i>	<i>tub2</i>
<i>P. pruni</i>	CGMCC 3.23507	<i>Prunus cerasoides</i>	China	OR248001	OR361476	OR381076
<i>P. pruni</i>	LC15860	<i>Prunus cerasoides</i>	China	OR248002	OR361477	OR381077
<i>P. raphiolepis</i>	SAUCC367701	<i>Raphiolepis indica</i>	China	OR733502	OR912994	OR863906
<i>P. raphiolepis</i>	SAUCC367702	<i>Raphiolepis indica</i>	China	OR733501	OR912995	OR863907
<i>P. rhizophorae</i>	MFLUCC 17–0416	<i>Rhizophora mucronata</i>	Thailand	MK764283	MK764327	MK764349
<i>P. rhizophorae</i>	MFLUCC 17–0417	<i>Rhizophora mucronata</i>	Thailand	MK764284	MK764328	MK764350
<i>P. rhododendri</i>	IFRDCC 2399	<i>Rhododendron sinogrande</i>	China	KC537804	KC537811	KC537818
<i>P. rhodomyrtus</i>	CFCC 54733	<i>Quercus aliena</i>	China	OM746310	OM840082	OM839983
<i>P. rhodomyrtus</i>	CFCC 55052	<i>Cyclobalanopsis augustinii</i>	China	OM746311	OM840083	OM839984
<i>P. rosarioides</i>	CGMCC 3.23549	<i>Rhododendron decorum</i>	China	OP082430	OP185513	OP185520
<i>P. rosea</i>	MFLUCC 12–0258	<i>Pinus</i> sp.	China	JX399005	JX399069	JX399036
<i>P. rubrae</i>	CGMCC 3.23499	<i>Quercus rubra</i>	China	OR247997	OR361472	OR381072
<i>P. rubrae</i>	LC8233	<i>Plagiogyria glauca</i>	China	OR248000	OR361475	OR381075
<i>P. sabal</i>	ZHKUCC 22–0027	<i>Sabal mexicana</i>	China	ON180765	ON221523	ON221551
<i>P. sabal</i>	ZHKUCC 22–0029	<i>Sabal mexicana</i>	China	ON180767	ON221525	ON221553
<i>P. scoparia</i>	CBS 176.25	<i>Chamaecyparis</i> sp.	China	KM199330	KM199478	KM199393
<i>P. sequoiae</i>	MFLUCC 13–0399	<i>Sequoia sempervirens</i>	Italy	KX572339	-	-
<i>P. shaanxiensis</i>	CFCC 54958	<i>Quercus variabilis</i>	China	ON007026	ON005043	ON005054

Table S1. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1α</i>	<i>tub2</i>
<i>P. shaanxiensis</i>	CFCC 57356	<i>Quercus variabilis</i>	China	ON007027	ON005044	ON005055
<i>P. shandogensis</i>	JZB340038	<i>Robinia pseudoacacia</i>	China	MN625275	MN626740	MN626729
<i>P. shorea</i>	MFLUCC 12–0314	<i>Shorea obtusa</i>	Thailand	KJ503811	KJ503817	KJ503814
<i>P. sichuanensis</i>	SC3A21	<i>Camellia sinensis</i>	China	KX146689	KX146748	KX146807
<i>P. silvicola</i>	CFCC 55296	<i>Cyclobalanopsis kerrii</i>	China	ON007032	ON005049	ON005060
<i>P. silvicola</i>	CFCC 54915	<i>Cyclobalanopsis kerrii</i>	China	ON007033	ON005050	ON005061
<i>P. smilacicola</i>	MFLUCC 22–0124	<i>Smilax china</i>	Thailand	OP497989	OP737879	OP762674
<i>P. smilacicola</i>	MFLUCC 22–0125	<i>Dioscorea</i> sp.	Thailand	OP497991	OP753376	OP762673
<i>P. sonneratiae</i>	CFCC 57394	<i>Sonneratia apetala</i>	China	ON114184	ON086812	ON086816
<i>P. sonneratiae</i>	CFCC 57395	<i>Sonneratia apetala</i>	China	ON114185	ON086813	ON086817
<i>P. spathulata</i>	CBS 356.86	<i>Gevuina avellana</i>	Chile	KM199338	KM199513	KM199423
<i>P. spathuliappendiculata</i>	CBS 144035	<i>Phoenix canariensis</i>	Australia	MH554172	MH554607	MH554845
<i>P. suae</i>	CGMCC 3.23546	<i>Rhododendron delavayi</i>	China	OP082428	OP185514	OP185521
<i>P. taxicola</i>	CFCC59976	<i>Taxus chinensis</i>	China	OQ626673	OQ714338	OQ714333
<i>P. taxicola</i>	CFCC59978	<i>Taxus chinensis</i>	China	OQ771893	OQ779480	OQ779485
<i>P. telopeae</i>	CBS 114161	<i>Telopea</i> sp.	Australia	KM199296	KM199500	KM199403
<i>P. telopeae</i>	CBS 113606	<i>Telopea</i> sp.	Australia	KM199295	KM199498	KM199402
<i>P. terricola</i>	CBS 141.69	Soil	Pacific Islands	MH554004	MH554438	MH554680

Table S1. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1α</i>	<i>tub2</i>
<i>P. thailandica</i>	MFLUCC 17–1616	<i>Rhizophora apiculata</i>	Thailand	MK764286	MK764330	MK764352
<i>P. thailandica</i>	MFLUCC 17–1617	<i>Rhizophora apiculata</i>	Thailand	MK764285	MK764329	MK764351
<i>P. trachycarpicola</i>	OP068	<i>Trachycarpus fortunei</i>	China	JQ845947	JQ845946	JQ845945
<i>P. trachycarpicola</i>	IFRDCC 2403	<i>Podocarpus macrophyllus</i>	China	KC537809	KC537816	KC537823
<i>P. trachycarpicola</i>	LC4523	<i>Camellia sinensis</i>	China	KX895011	KX895230	KX895344
<i>P. tumida</i>	CFCC 55158	<i>Rosa chinensis</i>	China	OK560610	OL814524	OM158174
<i>P. tumida</i>	CFCC 55159	<i>Rosa chinensis</i>	China	OK560613	OL814527	OM158177
<i>P. unicolor</i>	MFLUCC 12–0276	<i>Rhododendron</i> sp.	China	JX398999	-	JX399030
<i>P. unicolor</i>	MFLUCC 12–0275	Unidentified tree	China	JX398998	JX399063	JX399029
<i>P. verruculosa</i>	MFLUCC 12–0274	<i>Rhododendron</i> sp.	China	JX398996	JX399061	-
<i>P. wulichongensis</i>	CGMCC 3.23469	<i>Poaceae</i>	China	OR247978	OR361453	OR381053
<i>P. wulichongensis</i>	LC15846	<i>Poaceae</i>	China	OR247979	OR361454	OR381054
<i>P. yanglingensis</i>	LC 4553	<i>Camellia sinensis</i>	China	KX895012	KX895231	KX895345
<i>P. yanglingensis</i>	LC 3412	<i>Camellia sinensis</i>	China	KX894980	KX895197	KX895312
<i>P. yunnanensis</i>	HMAS 96359	<i>Podocarpus macrophyllus</i>	China	AY373375	-	-
<i>P. jiangmenensis</i>	CFCC 72595	diseased needle of <i>Pinus massoniana</i>	China	PV259810	PV275131	PV275205
<i>P. jiangmenensis</i>	CFCC 72596	diseased needle of <i>Pinus massoniana</i>	China	PV259811	PV275132	PV275206
<i>P. massoniana</i>	CFCC 72593	diseased needle of <i>Pinus massoniana</i>	China	PV259820	PV275141	PV275215

Table S1. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1α</i>	<i>tub2</i>
<i>P. massoniana</i>	CFCC 72594	diseased needle of <i>Pinus massoniana</i>	China	PV259821	PV275142	PV275216
<i>P. ningboensis</i>	CFCC 72585	diseased needle of <i>Pinus elliottii</i>	China	PV259822	PV275143	PV275217
<i>P. ningboensis</i>	CFCC 72586	diseased needle of <i>Pinus elliottii</i>	China	PV259823	PV275144	PV275218
<i>P. shanweiensis</i>	CFCC 72591	diseased leaves of <i>Pinus massoniana</i>	China	PV259824	PV275145	PV275219
<i>P. shanweiensis</i>	CFCC 72592	diseased leaves of <i>Pinus massoniana</i>	China	PV259825	PV275146	PV275220
<i>P. thunbergii</i>	CFCC 72589	diseased needle of <i>Pinus</i>	China	PV259838	PV275159	PV275233
<i>P. thunbergii</i>	CFCC 72590	diseased needle of <i>Pinus</i>	China	PV259839	PV275160	PV275234
<i>P. wenzhouensis</i>	CFCC 72587	diseased needle of <i>Pinus massoniana</i>	China	PV259840	PV275161	PV275235
<i>P. wenzhouensis</i>	CFCC 72588	diseased needle of <i>Pinus massoniana</i>	China	PV259845	PV275166	PV275240
<i>P. decori</i>	CGMCC 3.29126	<i>Rhododendron decorum</i>	China	PX247848	PX306555	PX306563
<i>P. decori</i>	KUNCC 23-16940	<i>Rhododendron decorum</i>	China	PX247904	PX306556	PX306564
<i>P. decori</i>	KUNCC 23-16941	<i>Rhododendron decorum</i>	China	PX247905	PX306557	PX306565
<i>P. decori</i>	CGMCC 3.29129	<i>Rhododendron decorum</i>	China	PX251547	PX306558	PX306567
<i>P. decori</i>	CGMCC 3.29130	<i>Rhododendron decorum</i>	China	PX251548	PX306559	PX306566
<i>P. decori</i>	KUNCC 25-19536	<i>Rhododendron decorum</i>	China	PX247906	PX306560	PX306568
<i>P. jianchuanensis</i>	KUNCC 23-16961	<i>Rhododendron decorum</i>	China	PX247907	PX306562	PX306570

Table S1. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	<i>tef-1a</i>	<i>tub2</i>
<i>P. jianchuanensis</i>	KUNCC 23-16950	<i>Rhododendron decorum</i>	China	PX247908	PX306561	PX306569
<i>Neopestalotiopsis cubana</i>	CBS 600.96	From leaf litter	Cuba	KM199347	KM199521	KM199438

Table S2. Culture collection numbers and GenBank accession numbers for *Pezicula* used in this study. The type species are indicated in bold. The newly generated sequences are indicated in red. Instances where the GenBank Accession No. did not show the molecular data are marked with a dash.

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	LSU	<i>rpb2</i>
<i>Neofabraea inaequalis</i>	CBS 326.75	<i>Chamaecyparis</i> sp.	France	KR859081	KR858872	KR859321
<i>N. krawtzevii</i>	CBS 102867	<i>Populus x berolinensis</i>	Norway	KR859084	KR858875	KR859324
<i>N. malicorticis</i>	CBS 102863	apple tree	Canada	KR859085	KR858876	KR859325
<i>N. malicorticis</i>	CBS 122030	<i>Malus</i> sp.	USA	KR859086	KR858877	KR859326
<i>Parafabraea caliginosa</i>	CBS 124806	<i>Eucalyptus caliginosa</i>	Australia	KR859090	KR858881	KR859330
<i>P. eucalypti</i>	CBS 124810	<i>Eucalyptus globulus</i>	Australia	KR859091	KR858882	KR859331
<i>Phlyctema vagabunda</i>	CBS 109875	<i>Fraxinus americana</i>	USA	KR859275	KR859069	KR859346
<i>P. vagabunda</i>	CBS 304. 62	<i>Malus sylvestris</i>	South Africa	KR859276	KR859070	KR859347

Table S2. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	LSU	<i>rpb2</i>
<i>Rhizodermea veluwensis</i>	CBS 110605	<i>Erica tetralix</i>	Netherlands	KR859282	KR859076	KR859353
<i>R. veluwensis</i>	CBS 110615	<i>Vaccinium myrtillus</i>	Netherlands	KR859283	KR859077	KR859354
<i>Pezicula acericola</i>	CBS 239.97	<i>Acer spicatum</i>	Canada	KR859093	KR858884	KF376214
<i>P. acericola</i>	CBS 245.97	<i>Acer spicatum</i>	Canada	KR859098	KR858889	KF376213
<i>P. aurantiaca</i>	CBS 201.46	<i>Alnus crispa</i> var. <i>mollis</i>	Canada	KR859102	KR858893	KF376210
<i>P. brunnea</i>	CBS 120291	<i>Gaultheria shallon</i>	Canada	KR859103	KR858894	-
<i>P. californiae</i>	CBS 124805	<i>Eucalyptus</i> sp.	USA	KR859104	KR858895	KR859332
<i>P. carpinea</i>	CBS 923.96	<i>Carpinus betulus</i>	Germany	KR859108	KR858899	KF376158
<i>P. carpinea</i>	CBS 921.96	<i>Carpinus betulus</i>	Germany	KR859107	KR858898	KF376159
<i>P. chiangraiensis</i>	MFLUCC 15-0170	on dead stem	Thailand	KU310621	KU310622	KU310623
<i>P. cinnamomea</i>	CBS 626.96	<i>Quercus robur</i>	Germany	KR859152	KR858944	KF376162
<i>P. cinnamomea</i>	CBS 239.96	<i>Fagus sylvatica</i>	France	KR859124	KR858915	KF376165
<i>P. cornina</i>	CBS 285.39	<i>Cornus rugosa</i>	Canada	KR859163	KR858955	KR859333
<i>P. corticola</i>	CBS 259.31	-	Denmark	KR859164	KR858956	-
<i>P. corticola</i>	CBS 260.31	-	Denmark	KR859165	KR858957	-
<i>P. corylina</i>	CBS 140.22	<i>Malus sylvestris</i>	United Kingdom	KR859166	KR858958	KR859334

Table S2. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	LSU	<i>rpb2</i>
<i>P. corylina</i>	CBS 249.97	<i>Corylus cornuta</i> <i>var. cornuta</i>	Canada	KR859168	KR858960	KF376161
<i>P. diversispora</i>	CBS 185.50	<i>Picea abies</i>	Norway	KR859170	KR858962	-
<i>P. diversispora</i>	CBS 282.47	<i>Alnus glutinosa</i>	-	KR859171	KR858963	-
<i>P. endophytica</i>	MFLUCC 14-0116	<i>Dendrobium</i> sp.	Thailand	MN908669	MN908642	MT371880
<i>P. endophytica</i>	MFLUCC 14-0118	<i>Dendrobium</i> sp.	China	MN908666	MN908640	-
<i>P. ericae</i>	CBS 120290	<i>Vaccinium</i> <i>membranaceum</i>	USA	KR859173	KR858965	-
<i>P. ericae</i>	CBS 120292	<i>Gaultheria</i> <i>shallon</i>	Canada	KR859174	KR858966	-
<i>P. eucrita</i>	CBS 259.97	<i>Pinus sylvestris</i>	USA	KR859179	KR858971	KF376205
<i>P. eucrita</i>	CBS 656.96	<i>Picea abies</i>	Germany	KR859185	KR858977	KF376208
<i>P. fagacearum</i>	CBS 112400	<i>Fagus sylvatica</i>	Italy	KR859201	KR858993	KR859335
<i>P. fagacearum</i>	CBS 112402	<i>Fagus sylvatica</i>	Italy	KR859203	KR858995	KR859336
<i>P. frangulae</i>	CBS 100244	<i>Frangula alnus</i>	Denmark	KR859204	KR858996	KF376211
<i>P. frangulae</i>	CBS 778.96	<i>Frangula alnus</i>	Netherlands	KR859209	KR859001	KF376212
<i>P. heterochroma</i>	CBS 199.46	<i>Alnus crispa</i> var. <i>mollis</i>	Canada	KR859210	KR859002	-
<i>P. melanigena</i>	CBS 898.97	<i>Quercus petraea</i>	Austria	KR859211	KR859003	-
<i>P. microspora</i>	CBS 124641	<i>Berberis vulgaris</i>	Italy	KR859212	KR859004	KR859337

Table S2. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	LSU	<i>rpb2</i>
<i>P. neocinnamomea</i>	CBS 100248	<i>Abies alba</i>	Denmark	KR859213	KR859005	KF376209
<i>P. neoheterochroma</i>	CBS 127388	<i>Sorbus aucuparia</i>	Austria	KR859221	KR859013	KR859338
<i>P. neosporulosa</i>	CBS 101.96	<i>Abies alba</i>	The Netherlands	KR859223	KR859015	KF376193
<i>P. neosporulosa</i>	CBS 102.96	<i>Abies alba</i>	The Netherlands	KR859224	KR859016	KF376181
<i>P. ocellata</i>	CBS 268.39	<i>Salix</i> sp.	Germany	KR859232	KR859024	KR859339
<i>P. ocellata</i>	CBS 949.97	<i>Salix</i> sp.	Luxembourg	KR859233	KR859025	KF376215
<i>P. pruinosa</i>	CBS 292.39	<i>Amelanchier</i> sp.	Canada	KR859234	KR859026	-
<i>P. pseudocinnamomea</i>	CBS 101000	<i>Castanea sativa</i>	The Netherlands	KR859235	KR859027	KR859340
<i>P. querciphila</i>	UCROK766	<i>Quercus agrifolia</i>	USA	JX144750	-	-
<i>P. querciphila</i>	UCROK637	<i>Quercus agrifolia</i>	USA	JX270770	-	-
<i>P. radicicola</i>	CBS 640.94	<i>Quercus robur</i>	Poland	KR859236	KR859028	-
<i>P. radicicola</i>	CBS 681.83	<i>Quercus robur</i>	Austria	KR859237	KR859029	-
<i>P. rubi</i>	CBS 253.97	<i>Rubus</i> sp.	USA	KR859250	KR859042	KF376204
<i>P. rubi</i>	CBS 593.96	<i>Rubus</i> sp.	Netherlands	KR859253	KR859045	KF376203
<i>P. sporulosa</i>	CBS 224.96	<i>Larix decidua</i>	Netherlands	KR859261	KR859053	KF376201
<i>P. sporulosa</i>	CBS 225.96	<i>Larix decidua</i>	Netherlands	KR859262	KR859054	KF376202
<i>P. ellipsoides</i>	HMAS 290888	rotten bark	China	OP108433	-	-
<i>P. italica</i>	MFLU 16-1284	<i>Corylus</i> sp.	Italy	NR_170044	NG_073839	-

Table S2. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.		
				ITS	LSU	<i>rpb2</i>
<i>P. italica</i>	MFLU 19-2867	<i>Corylus</i> sp.	Italy	MT185542	MT183506	-
<i>P. rhizophila</i>	CBS 109839	<i>Erica tetralix</i>	The Netherlands	NR_155659	NG_067301	-
<i>P. rhizophila</i>	CBS 110604	<i>Calluna vulgaris</i>	The Netherlands	KR859240	KR859032	-
<i>P. gaoligongensis</i>	CGMCC 3.29135	<i>Rhododendron decorum</i>	China	PX248629	PX248634	PX306577
<i>P. gaoligongensis</i>	KUNCC 24-18741	<i>Rhododendron decorum</i>	China	PX248628	PX248632	PX306576

Table S3. Culture collection numbers and GenBank accession numbers for *Colletotrichum* used in this study. The type species are indicated in bold. The newly generated sequences are indicated in red. Instances where the GenBank Accession No. did not show the molecular data are marked with a dash.

Species	Strain no.	Species complex	Hosts	Country	GenBank Accession No.					
					ITS	<i>gapdh</i>	<i>chs-1</i>	<i>his3</i>	<i>act</i>	<i>tub2</i>
<i>Colletotrichum abscissum</i>	COAD 1877	Acutatum	<i>Citrus sinensis</i>	Brazil	KP843126	KP843129	KP843132	KP843138	KP843141	KP843135
<i>C. acerbum</i>	CBS 128530	Acutatum	<i>Malus domestica</i>	New Zealand	JQ948459	JQ948790	JQ949120	JQ949450	JQ949780	JQ950110
<i>C. acutatum</i>	CBS 112996	Acutatum	<i>Carica papaya</i>	Australia	JQ005776	JQ948677	JQ005797	JQ005818	JQ005839	JQ005860
<i>C. acutatum</i>	CBS 979.69	Acutatum	<i>Coffea arabica</i>	Kenya	JQ948400	JQ948731	JQ949061	JQ949391	JQ949721	JQ950051
<i>C. americanum</i>	RGM 3380	Acutatum	<i>Drimys winteri</i>	Chile	OR644563	OR644970	OR645022	OR659700	OR645076	OR645128
<i>C. arboricola</i>	CBS 144795	Acutatum	<i>Fuchsia magellanica</i>	Chile	MH817944	MH817950	-	-	MH817956	MH817962
<i>C. australe</i>	CBS 116478	Acutatum	<i>Trachycarpus fortunei</i>	South Africa	JQ948455	JQ948786	JQ949116	JQ949446	JQ949776	JQ950106
<i>C. australe</i>	CBS 131325	Acutatum	<i>Hakea sp.</i>	Australia	JQ948456	JQ948787	JQ949117	JQ949447	JQ949777	JQ950107
<i>C. bannaense</i>	CGMCC3.18887	Acutatum	<i>Hevea brasiliensis</i>	China	MG209638	MG242006	MG241996	-	MG242002	MG209660
<i>C. bannaense</i>	YNWD31	Acutatum	<i>Hevea brasiliensis</i>	China	MG209639	MG242007	MG241997	-	MG242003	MG209661
<i>C. brisbanense</i>	CBS 292.67	Acutatum	<i>Capsicum annuum</i>	Australia	JQ948291	JQ948621	JQ948952	JQ949282	JQ949612	JQ949942

Table S3. (Continued)

Species	Strain no.	Species complex	Hosts	Country	GenBank Accession No.					
					ITS	<i>gapdh</i>	<i>chs-1</i>	<i>his3</i>	<i>act</i>	<i>tub2</i>
<i>C. cairnsense</i>	BRIP 63642	Acutatum	<i>Capsicum annuum</i>	Australia	KU923672	KU923704	KU923710	KU923722	KU923716	KU923688
<i>C. carthami</i>	SAPA 100011	Acutatum	<i>Carthamus tinctorius</i>	Japan	AB696998	-	-	-	-	AB696992
<i>C. chrysanthemi</i>	IMI 364540	Acutatum	<i>Chrysanthemum coronarium</i>	China	JQ948273	JQ948603	JQ948934	JQ949264	JQ949594	JQ949924
<i>C. cosmi</i>	CBS 853.73	Acutatum	<i>Cosmos</i> sp.	Netherlands	JQ948274	JQ948604	JQ948935	JQ949265	JQ949595	JQ949925
<i>C. costaricense</i>	CBS 330.75	Acutatum	<i>Coffea arabica</i>	Costa Rica	JQ948180	JQ948510	JQ948841	JQ949171	JQ949501	JQ949831
<i>C. costaricense</i>	CBS 211.78	Acutatum	<i>Coffea</i> sp.	Costa Rica	JQ948181	JQ948511	JQ948842	JQ949172	JQ949502	JQ949832
<i>C. cuscutae</i>	IMI 304802	Acutatum	<i>Cuscuta</i> sp.	Dominica	JQ948195	JQ948525	JQ948856	JQ949186	JQ949516	JQ949846
<i>C. eriobotryae</i>	GLMC 1935	Acutatum	<i>Eriobotrya japonica</i>	Taiwan	MF772487	MF795423	MN191653	MN191658	MN191648	MF795428
<i>C. filicis</i>	CBS 101611	Acutatum	<i>Fern</i>	Costa Rica	JQ948196	JQ948526	JQ948857	JQ949187	JQ949517	JQ949847
<i>C. fioriniae</i>	CBS 128517	Acutatum	<i>Fiorinia externa</i>	USA	JQ948292	JQ948622	JQ948953	JQ949283	JQ949613	JQ949943
<i>C. fioriniae</i>	CBS 129948	Acutatum	<i>Tulipa</i> sp.	UK	JQ948344	JQ948674	JQ949005	JQ949335	JQ949665	JQ949995
<i>C. tamarilloi</i>	CBS 129814	Acutatum	<i>Solanum betaceum</i>	Colombia	JQ948184	JQ948514	JQ948845	JQ949175	JQ949505	JQ949835
<i>C. tamarilloi</i>	CBS 129811	Acutatum	<i>Solanum betaceum</i>	Colombia	JQ948185	JQ948515	JQ948846	JQ949176	JQ949506	JQ949836
<i>C. guajavae</i>	IMI 350839	Acutatum	<i>Psidium guajava</i>	India	JQ948270	JQ948600	JQ948931	JQ949261	JQ949591	JQ949921

Table S3. (Continued)

Species	Strain no.	Species complex	Hosts	Country	GenBank Accession No.					
					ITS	<i>gapdh</i>	<i>chs-1</i>	<i>his3</i>	<i>act</i>	<i>tub2</i>
<i>C. indonesiense</i>	CBS 127551	Acutatum	<i>Eucalyptus</i> sp.	Indonesia	JQ948288	JQ948618	JQ948949	JQ949279	JQ949609	JQ949939
<i>C. javanense</i>	CBS 144963	Acutatum	<i>Capsicum annuum</i>	Indonesia	MH846576	MH846572	MH846573	MH846571	MH846575	MH846574
<i>C. johnstonii</i>	CBS 128532	Acutatum	<i>Solanum lycopersicum</i>	New Zealand	JQ948444	JQ948774	JQ949105	JQ949435	JQ949765	JQ950095
<i>C. johnstonii</i>	IMI 357027	Acutatum	<i>Citrus</i> sp.	New Zealand	JQ948443	JQ948773	JQ949104	JQ949434	JQ949764	JQ950094
<i>C. kinghornii</i>	CBS 198.35	Acutatum	<i>Phormium</i> sp.	UK	JQ948454	JQ948784	JQ949115	JQ949445	JQ949775	JQ950105
<i>C. kniphofiae</i>	CBS 143496	Acutatum	<i>Kniphofia uvaria</i>	UK	MH107884	MH107998	MH107990	-	MH107975	MH108037
<i>C. laticiphilum</i>	CBS 112989	Acutatum	<i>Hevea brasiliensis</i>	India	JQ948289	JQ948619	JQ948950	JQ949280	JQ949610	JQ949940
<i>C. laticiphilum</i>	CBS 129827	Acutatum	<i>Hevea brasiliensis</i>	Colombia	JQ948290	JQ948620	JQ948951	JQ949281	JQ949611	JQ949941
<i>C. lauri</i>	MFLUCC 17-0205	Acutatum	<i>Laurus nobilis</i>	Italy	KY514347	KY514344	KY514341	-	KY514338	KY514350
<i>C. limetticola</i>	CBS 114.14	Acutatum	<i>Citrus aurantifolia</i>	USA	JQ948193	JQ948523	JQ948854	JQ949184	JQ949514	JQ949844
<i>C. lupini</i>	CBS 109225	Acutatum	<i>Lupinus albus</i>	Ukraine	JQ948155	JQ948485	JQ948816	JQ949146	JQ949476	JQ949806

Table S3. (Continued)

Species	Strain no.	Species complex	Hosts	Country	ITS	<i>gapdh</i>	GenBank Accession No.			
							<i>chs-1</i>	<i>his3</i>	<i>act</i>	<i>tub2</i>
<i>C. melonis</i>	CBS 159.84	Acutatum	<i>Cucumis melo</i>	Brazil	JQ948194	JQ948524	JQ948855	JQ949185	JQ949515	JQ949845
<i>C. miaoliense</i>	NTUCC 20-001-1	Acutatum	<i>Fragaria</i> × <i>ananassa</i>	Taiwan	MK908419	MK908470	MK908522	-	MK908573	MK908624
<i>C. nymphaeae</i>	CBS 515.78	Acutatum	<i>Nymphaea alba</i>	Netherlands	JQ948197	JQ948527	JQ948858	JQ949188	JQ949518	JQ949848
<i>C. nymphaeae</i>	CBS 516.78	Acutatum	<i>Nuphar luteum</i>	Netherlands	JQ948198	JQ948528	JQ948859	JQ949189	JQ949519	JQ949849
<i>C. paranaense</i>	CBS 134729	Acutatum	<i>Malus domestica</i>	Paraná	KC204992	KC205026	KC205043	KC205004	KC205077	KC205060
<i>C. paxtonii</i>	IMI 165753	Acutatum	<i>Musa</i> sp.	Saint Lucia	JQ948285	JQ948615	JQ948946	JQ949276	JQ949606	JQ949936
<i>C. paxtonii</i>	CBS 502.97	Acutatum	<i>Musa nana</i>	West Indies	JQ948286	JQ948616	JQ948947	JQ949277	JQ949607	JQ949937
<i>C. perseicola</i>	RGM 3376	Acutatum	<i>Persea lingue</i>	Chile	OR644585	OR644992	OR645045	OR659723	OR645098	OR645150
<i>C. phormii</i>	CBS 118194	Acutatum	<i>Phormium</i> sp.	Germany	JQ948446	JQ948777	JQ949107	JQ949437	JQ949767	JQ950097
<i>C. phormii</i>	CBS 199.35	Acutatum	<i>Phormium</i> sp.	UK	JQ948447	JQ948778	JQ949108	JQ949438	JQ949768	JQ950098
<i>C. pyricola</i>	CBS 132893	Acutatum	<i>Pyrus communis</i>	Tasmania	OR644586	OR644993	OR645046	OR659724	OR645099	OR645151

Table S3. (Continued)

Species	Strain no.	Species complex	Hosts	Country	GenBank Accession No.					
					ITS	<i>gapdh</i>	<i>chs-1</i>	<i>his3</i>	<i>act</i>	<i>tub2</i>
<i>C. pyricola</i>	CBS 128531	Acutatum	<i>Pyrus communis</i>	New Zealand	JQ948445	JQ948776	JQ949106	JQ949436	JQ949766	JQ950096
<i>C. rhombiforme</i>	CBS 129953	Acutatum	<i>Olea europaea</i>	Portugal	JQ948457	JQ948788	JQ949118	JQ949448	JQ949778	JQ950108
<i>C. rhombiforme</i>	CBS 131322	Acutatum	<i>Vaccinium macrocarpum</i>	USA	JQ948458	JQ948789	JQ949119	JQ949449	JQ949779	JQ950109
<i>C. roseum</i>	CBS 145754	Acutatum	<i>Lapageria rosea</i>	Chile	MK903611	MK903603	-	-	MK903604	MK903607
<i>C. salicis</i>	CBS 607.94	Acutatum	<i>Salix</i> sp.	Netherlands	JQ948460	JQ948791	JQ949121	JQ949451	JQ949781	JQ950111
<i>C. schimae</i>	LC13880	Acutatum	<i>Schima</i> sp.	China	MZ595885	MZ664105	MZ799347	MZ673905	MZ664183	MZ674003
<i>C. schimae</i>	LC13881	Acutatum	<i>Schima</i> sp.	China	MZ595887	MZ664106	MZ799348	MZ673907	MZ664185	MZ674005
<i>C. scovillei</i>	CBS 126529	Acutatum	<i>Capsicum</i> sp.	Indonesia	JQ948267	JQ948597	JQ948928	JQ949258	JQ949588	JQ949918
<i>C. scovillei</i>	CBS 126530	Acutatum	<i>Capsicum</i> sp.	Indonesia	JQ948268	JQ948598	JQ948929	JQ949259	JQ949589	JQ949919
<i>C. scovillei</i>	CBS 120708	Acutatum	<i>Capsicum annuum</i>	Thailand	JQ948269	JQ948599	JQ948930	JQ949260	JQ949590	JQ949920
<i>C. simmondsii</i>	CBS 122122	Acutatum	<i>Carica papaya</i>	Australia	JQ948276	JQ948606	JQ948937	JQ949267	JQ949597	JQ949927
<i>C. simmondsii</i>	CBS 295.67	Acutatum	<i>Fragaria</i> sp.	Australia	JQ948278	JQ948608	JQ948939	JQ949269	JQ949599	JQ949929

Table S3. (Continued)

Species	Strain no.	Species complex	Hosts	Country	GenBank Accession No.					
					ITS	<i>gapdh</i>	<i>chs-1</i>	<i>his3</i>	<i>act</i>	<i>tub2</i>
<i>C. sloanei</i>	IMI 364297	Acutatum	Theobroma cacao	Malaysia	JQ948287	JQ948617	JQ948948	JQ949278	JQ949608	JQ949938
<i>C. sloanei</i>	MT27-4-b	Acutatum	Mangifera indica	Taiwan	MN809384	MN820683	MN820675	MN820691	MN820667	MN810341
<i>C. subsalicis</i>	LC13863	Acutatum	Populus alba	China	MZ852849	-	MZ799346	MZ673836	MZ664128	MZ673953
<i>C. walleri</i>	CBS 125472	Acutatum	Coffea sp.	Vietnam	JQ948275	JQ948605	JQ948936	JQ949266	JQ949596	JQ949926
<i>C. wanningense</i>	CGMCC 3.18936	Acutatum	Hevea brasiliensis	China	MG830462	MG830318	MG830302	-	MG830270	MG830286
<i>C. wanningense</i>	CGMCC3.18886	Acutatum	Hevea brasiliensis	China	MG209623	MG241962	MG241981	-	MG241947	MG209645
<i>C. godetiae</i>	CBS 133.44	Acutatum	Clarkia hybrida	Denmark	JQ948402	JQ948733	JQ949063	JQ949393	JQ949723	JQ950053
<i>C. godetiae</i>	CBS 126522	Acutatum	Prunus cerasus	Netherlands	JQ948411	JQ948742	JQ949072	JQ949402	JQ949732	JQ950062
<i>C. godetiae</i>	CGMCC 3.29136	Acutatum	<i>Rhododendron decorum</i>	China	PX249557	PX306593	PX306588	PX306584	PX306578	PX306571
<i>C. godetiae</i>	CGMCC 3.29137	Acutatum	<i>Rhododendron decorum</i>	China	PX249558	PX306594	PX306589	PX306585	PX306579	PX306572
<i>C. godetiae</i>	CGMCC 3.29138	Acutatum	<i>Rhododendron decorum</i>	China	PX260331	PX306595	PX306590	PX306583	PX306580	PX306573
<i>C. godetiae</i>	CGMCC 3.29139	Acutatum	<i>Rhododendron decorum</i>	China	PX249560	PX306596	PX306591	PX306586	PX306581	PX306574

Table S3. (Continued)

Species	Strain no.	Species complex	Hosts	Country	ITS	<i>gapdh</i>	GenBank Accession No.			
							<i>chs-1</i>	<i>his3</i>	<i>act</i>	<i>tub2</i>
<i>C. godetiae</i>	CGMCC 3.29140	<i>Acutatum</i>	<i>Rhododendron decorum</i>	China	PX249561	PX306597	PX306592	PX306587	PX306582	PX306575
<i>C. orchidophilum</i>	CBS 632.80	Singleton	<i>Dendrobium</i> sp.	USA	JQ948151	JQ948481	JQ948812	JQ949142	JQ949472	JQ949802

Table S4. Culture collection numbers and GenBank accession numbers for *Trichothecium* used in this study. The type species are indicated in bold. The newly generated sequences are indicated in red. Instances where the GenBank Accession No. did not show the molecular data are marked with a dash.

Species	Strain no.	Hosts	Country	GenBank Accession No.	
				ITS	LSU
<i>Trichothecium roseum</i>	JZB580001	Grape	China	MW440512	OQ874813
<i>T. roseum</i>	JZB580002	Grape	China	MW440513	OQ874814
<i>T. roseum</i>	JZB580003	Grape	China	MW440514	OQ874815
<i>T. roseum</i>	JZB580004	Grape	China	MW440515	OQ874816
<i>T. roseum</i>	JZB580005	Grape	China	MW440516	OQ874817
<i>T. roseum</i>	JZB580006	Grape	China	MW440517	OQ874818
<i>T. roseum</i>	KACC 45158	strawberry	South Korea	HM355750	-
<i>T. roseum</i>	PASF4	<i>Passiflora edulis</i>	China	OL336243	OL336242
<i>T. roseum</i>	JKL-GFP-22-010	<i>Solanum lycopersicum</i>	Germany	ON787818	ON787821
<i>T. roseum</i>	CHI	<i>longan fruit</i>	China	KU575895	-
<i>T. roseum</i>	GL0800	Apple	China	JX241671	-

Table S4. (Continued)

Species	Strain no.	Hosts	Country	GenBank Accession No.	
				ITS	LSU
<i>T. roseum</i>	X4	<i>Persea americana</i>	Israel	KT359589	-
<i>T. roseum</i>	05-076	<i>Solanum lycopersicum</i>	South Korea	JX997437	-
<i>T. roseum</i>	TrRo 2	<i>Sorghum bicolor</i>	Denmark	KF897865	-
<i>T. roseum</i>	IHB F 1628	<i>tea rhizosphere soil</i>	India	KF475893	-
<i>T. roseum</i>	m110623-2	mango	China	KC816069	-
<i>T. roseum</i>	DAOM208997	-	USA	JN942882	JN938864
<i>T. roseum</i>	Bb-9	<i>Ginkgo biloba</i>	China	KT758800	-
<i>T. roseum</i>	CGMCC 3.29134	<i>Rhododendron decorum</i>	China	PX248752	PX248753
<i>T. ovalisporum</i>	CY2	-	China	KT304327	-
<i>T. ovalisporum</i>	DAOM 186447	<i>Megachile rotundata</i>	Canada	NR111321	-
<i>T. ovalisporum</i>	CGMCC 317049	-	-	KF470758	-
<i>T. crotoconigenum</i>	NRRL62714	<i>pyrenomyces stromata</i>	USA	KF430640	-
<i>T. crotoconigenum</i>	NRRL53579	<i>Trametes hirsuta</i>	USA	JQ606830	-
<i>T. crotoconigenum</i>	STAF308	seawater-saturated wood	United Kingdom	KU214565	-
<i>T. crotoconigenum</i>	D2A (2)	<i>Fragaria vesca</i>	United Kingdom	KX610402	-
<i>T. domesticum</i>	CBS434.43	-	-	AY230193	AY230194
<i>T. sympodiale</i>	CBS 227.76	-	France	MH860973	MH872742
<i>Passalora fulva</i>	EAV	tomato	Argentina	KM488555	-