Table S1: List of *Cladophialophora* species used for phylogenetic study

Species	Strain number	Origin	GenBank accession numbers		
			ITS	LSU	SSU
C. guangxiense	**HX2**	**China**	**PQ164442**	**PQ164453**	**PQ164451**
C. abundans	CBS 126736 T	Brazil	KC776592	KC812100	-
C.aquatica	MFLUCC:21-0108 T	Thailand	MT864355	MT860433	-
C. arxii	CBS306.94 T	Germany	EU103986	KX822320	AJ232948
C. australiensis	CBS 112793 T	Australia	EU035402	-	KX822275
C. bantiana	CBS173.52 T	USA	EU103989	KF155189	AY554284
C. behniae	CBS:146975 T	South Africa	MZ064414	MZ064471	-
C. boppii	CBS126.86 T	Brazil	EU103997	FJ358233	FJ358301
C. bromeliacearum	URM 8085 T	Brazil	MW794272	MW794274	-
C. brunneola	CGMCC 3.18770 T	China	MG012697	MG197822	MG012726
C. cabanerensis	CBS 146718 T	Spain	NR169978	NG073760	-
C. carrionii	CBS 160.54 T	Australia	EU137266	FJ358234	FJ358302
C. chaetospira	CBS 491.70 T	Denmark	EU035405	EU035405	KX822276
C. denticulata	FMR_18992 T	Spain	ON009845	ON009925	-
C. devriesii	CBS147.84 T	USA	EU103985	KC809989	KF155192
C. emmonsii	CBS979.96 T	USA	EU103996	-	-
C. endolichena	L3074 T	North America	OQ921042	-	-
C. eucalypti	CBS 145551 T	Australia	NR165555	NG067877	-
C. exuberans	CMRP1227 T	Brazil	KY680429	KY570931	-
C. flavoparmeliae	CGMCC3.20361 T	China	OP828646	OP828622	OP828606
C. floridana	SR3028 T	USA	AB986343	AB986343	-
C. griseolivacea	CMRP3446 T	Brazil	MZ048747	MW861546	-
C. guttulata	CGMCC3.24219 T	China	OP828644	OP828620	OP828604
C. heterodermiae	CGMCC3.20428 T	China	OP828650	OP828625	OP828609
C. heterospora	FMR 18641 T	Spain	ON009847	ON009927	-
C. holosericea	CGMCC3.20360 T	China	OP828643	OP828619	OP828603
C. hostae	CBS 121637 T	Korea	KX822478	-	KX822277
C. humicola	CBS 117536 T	Germany	EU035408	KC809987	KJ636038
C. immunda	CBS 834.96 T	USA	EU137318	KC809990	KF155194
C. inabaensis	EUCL1 T	Japan	LC128795	LC128795	-
C. irregularis	FMR 18642 T	Spain	ON009848	ON009928	-
C. lanosa	KNU16:032 T	Korea	LC387460	LC387461	-
C. laricicola	CBS:148944 T	Netherlands	OQ990102	OQ990054	-
C. lichenis	CGMCC3.20424 T	China	OP828652	OP828627	OP828611
C. matsushimae	MFC-1P384 T	Peru	FN549916	FN400758	-

C. minourae	CBS 556.83 T	Japan	AY251087	FJ358235	FJ358303
C. minutissima	UAMH 10709 T	Canada	NR137550	-	EF016370
C. modesta	CBS 985.96 T	USA	KF928421	KF928485	AJ232953
C. molassis	CMRP3450 T	Brazil	MZ132103	MW865735	-
C. mongoliae	CGMCC3.20305 T	China	OP828648	OP828624	OP828608
C. moniliformis	CGMCC3.20346 T	China	OP828642	OP828618	OP828602
C. multiseptata	CBS136675 T	Spain	HG003668	HG003671	-
C. mycetomatis	CBS 122637 T	Mexico	FJ385276	KX822321	KX822278
C. nyingchiensis	CGMCC3.17330 T	China	MG012699	MG197824	MG012728
C. olivacea	CGMCC3.20359 T	China	OP828647	OP828623	OP828607
C. parmeliae	CBS 129337 T	Spain	JQ342180	JQ342182	-
C. potulentorum	CBS 115144 T	Australia	DQ008141	-	-
C. proteae	CBS 111667 T	South Africa	EU035411	EU035411	KJ636039
C. psammophila	CBS 110553 T	Netherlands	AY857517	NG058955	AY150798
C. pseudocarrionii	CBS 138591 T	Spain	KU705827	KU705844	-
C. pucciniophila	KACC 43957 T	Korea	NR137769	JF263534	-
C. recurvata	FMR 16667 T	Spain	NR172270	LT985879	-
C. rhizosphaerae	CMRP3553 T	Brazil	MZ006214	MW856019	-
C. rupestricola	SDBR-CMU446 T	Thailand	OP903465	OP903502	OR141860
C. samoensis	CBS 259.83 T	USA, Samoa	EU137291	KC809992	KX822281
C. saturnica	CBS118724 T	Brazil	EU103984	-	-
C. scillae	CBS 116461 T	New Zealand	EU035412	-	KJ636040
C. sribuabanensis	SDBR-CMU476 T	Thailand	OQ991178	OQ979608	OR141868
C. subtilis	CBS 122642 T	Netherlands	FJ385273	KX822322	KX822283
C. sylvestris	CBS 350.83 T	Netherlands	EU035413	-	KJ636041
C. tengchongensis	CGMCC3.15201 T	China	MG012702	MG197827	MG012731
C. thailandensis	SDBR-CMU451 T	Thailand	OP903470	OP903507	OR141865
C. tortuosa	BA4b006 T	USA	AB986424	AB986424	-
C. tumbae	JCM 28749 T	Japan	LC192107	LC192072	-
C. tumulicola	JCM 28766 T	Japan	LC192098	LC192063	-
C. yegresii	CBS 114405 T	Venezuela	EU137322	KX822323	KX822284
C. yunnanensis	CGMCC3.20425 T	China	OP828638	OP828615	OP828600
Cyphellophora reptans	CBS 113.85 T	Sweden	NR121346	NG067426	NG062867