

Table S1. GenBank accession numbers of taxa used in phylogenetic analyses.

Species name	Isolate No.	GenBank Accession No.				
		ITS	GAPDH	CHS-1	ACT	TUB2
<i>Colletotrichum abscissum</i>	COAD 1877	KP843126	KP843129	KP843132	KP843141	KP843135
<i>Colletotrichum acutatum</i>	CBS 112996	JQ005776	JQ948677	JQ005797	JQ005839	JQ005860
<i>Colletotrichum aenigma</i>	ICMP 18608	JX010244	JX010044	JX009774	JX009443	JX010389
<i>Colletotrichum aeschynomenes</i>	ICMP 17673	JX010176	JX009930	JX009799	JX009483	JX010392
<i>Colletotrichum agaves</i>	CBS 118190	DQ286221	-	-	-	-
<i>Colletotrichum alatae</i>	CBS 304.67	JX010190	JX009990	JX009837	JX009471	JX010383
<i>Colletotrichum alienum</i>	ICMP 12071	JX010251	JX010028	JX009882	JX009572	JX010411
<i>Colletotrichum annellatum</i>	CBS 129826	JQ005222	JQ005309	JQ005396	JQ005570	JQ005656
<i>Colletotrichum aotearoa</i>	ICMP 18537	JX010205	JX010005	JX009853	JX009854	JX010420
<i>Colletotrichum areicola</i>	CGMCC 3.19667	MK914635	MK945455	MK935541	MK935374	MK935498
<i>Colletotrichum artocarpicola</i>	MFLUCC 18-1167	MN415991	MN435568	MN435569	MN435570	MN435567
<i>Colletotrichum asianum</i>	ICMP 18580	JX010196	JX010053	JX009867	JX009584	JX010406
<i>Colletotrichum baiyuense</i>	BY64	OL842182	OL981277	OL981303	OL981251	-
<i>Colletotrichum baiyuense</i>	BY75	OL842183	OL981278	OL981304	OL981252	-
<i>Colletotrichum baiyuense</i>	YMF 1.04941	OL842184	OL981279	OL981305	OL981253	-
<i>Colletotrichum beeveri</i>	CBS 128527	JQ005171	JQ005258	JQ005345	JQ005519	JQ005605
<i>Colletotrichum boninense</i>	CBS 123755	JQ005153	JQ005240	JQ005327	JQ005501	JQ005588
<i>Colletotrichum brasiliense</i>	CBS 128501	JQ005235	JQ005322	JQ005409	JQ005583	JQ005669
<i>Colletotrichum brassicicola</i>	CBS 101059	JQ005172	JQ005259	JQ005346	JQ005520	JQ005606
<i>Colletotrichum brevisporum</i>	BCC 38876	JN050238	JN050227	-	JN050216	JN050244
<i>Colletotrichum cacao</i>	CBS 119297	MG600772	MG600832	MG600878	MG600976	MG601039
<i>Colletotrichum camelliae</i>	CGMCC:3.14925	KJ955081	KJ954782	-	KJ954363	KJ955230
<i>Colletotrichum camelliae-japonicae</i>	CGMCC3.18118	KX853165	KX893584	-	KX893576	KX893580

<i>Colletotrichum casaense</i>	BY97	OL842178	OL981273	OL981299	OL981247	-
<i>Colletotrichum casaense</i>	KS17	OL842179	OL981274	OL981300	OL981248	-
<i>Colletotrichum casaense</i>	YMF 1.04947	OL842180	OL981275	OL981301	OL981249	-
<i>Colletotrichum casaense</i>	LT2	OL842181	OL981276	OL981302	OL981250	-
<i>Colletotrichum catinaense</i>	CBS 142417	KY856400	KY856224	KY856136	KY855971	KY856482
<i>Colletotrichum cattleyicola</i>	CBS 170.49	MG600758	MG600819	MG600866	MG600963	MG601025
<i>Colletotrichum caudatum</i>	CBS 131602	JX076860	-	-	-	-
<i>Colletotrichum changpingense</i>	MFLUCC 15-0022	KP683152	KP852469	KP852449	KP683093	KP852490
<i>Colletotrichum chlorophyti</i>	IMI 103806	GU227894	GU228286	GU228384	GU227992	GU228188
<i>Colletotrichum chrysophillum</i>	CMM4268	KX094252	KX094183	KX094083	KX093982	KX094285
<i>Colletotrichum ciggaro</i>	ICMP 18539	JX010230	JX009966	JX009800	JX009523	JX010434
<i>Colletotrichum citricola</i>	CBS 134228	KC293576	KC293736	KC293792	KC293616	KC293656
<i>Colletotrichum citrus-medicae</i>	GUCC 1554	MN959910	MT006331	MT006328	MT006325	-
<i>Colletotrichum clidemiae</i>	ICMP 18658	JX010265	JX009989	JX009877	JX009537	JX010438
<i>Colletotrichum cliviicola</i>	CBS 125375	MG600733	MG600795	MG600850	MG600939	MG601000
<i>Colletotrichum cobbittiense</i>	BRIP 66219a	MH087016	MH094133	MH094135	MH094134	MH094137
<i>Colletotrichum coccodes</i>	CBS 369.75	HM171679	HM171673	JQ005796	HM171667	JQ005859
<i>Colletotrichum colombiense</i>	CBS 129818	JQ005174	JQ005261	JQ005348	JQ005522	JQ005608
<i>Colletotrichum condaoense</i>	CBS 134299	MH229914	MH229920	MH229926	-	MH229923
<i>Colletotrichum conoides</i>	CAUG17*	KP890168	KP890162	KP890156	KP890144	KP890174
<i>Colletotrichum constrictum</i>	CBS 128504	JQ005238	JQ005325	JQ005412	JQ005586	JQ005672
<i>Colletotrichum cordylinicola</i>	ICMP 18579	JX010226	JX009975	JX009864	HM470234	JX010440
<i>Colletotrichum costaricense</i>	CBS 330.75	JQ948180	JQ948510	JQ948841	JQ949501	JQ949831
<i>Colletotrichum curcumae</i>	IMI 288937	GU227893	GU228285	GU228383	GU227991	GU228187
<i>Colletotrichum cuscutae</i>	IMI 304802	JQ948195	JQ948525	JQ948856	JQ949516	JQ949846
<i>Colletotrichum cymbidiicola</i>	IMI 347923	JQ005166	JQ005253	JQ005340	JQ005514	JQ005600

<i>Colletotrichum dacrycarpi</i>	CBS 130241	JQ005236	JQ005323	JQ005410	JQ005584	JQ005670
<i>Colletotrichum dematium</i>	CBS 125.25	GU227819	GU228211	GU228309	GU227917	GU228113
<i>Colletotrichum demersi</i>	HF18	OL842176	OL981271	OL981297	OL981245	OL981231
<i>Colletotrichum demersi</i>	YMF 1.04946	OL842177	OL981272	OL981298	OL981246	OL981232
<i>Colletotrichum destructivum</i>	CBS 136228	KM105207	KM105561	KM105277	KM105417	KM105487
<i>Colletotrichum dianense</i>	YMF 1.04943	OL842189	OL981284	OL981310	OL981258	-
<i>Colletotrichum doitungense</i>	MFLUCC 14-0128	MF448524	MH049480	-	MH376385	MH351277
<i>Colletotrichum dracaenophilum</i>	CBS 118199	JX519222	JX546707	JX519230	JX519238	JX519247
<i>Colletotrichum endophytica</i>	MFLUCC 13-0418	KC633854	KC832854	-	KF306258	-
<i>Colletotrichum eryngiicola</i>	MFLUCC 17-0318	KY792726	KY792723	KY792720	KY792717	KY792729
<i>Colletotrichum euphorbiae</i>	CBS 134725	KF777146	KF77713	KF777128	KF777125	KF777247
<i>Colletotrichum feijoicola</i>	CBS 144633	MK876413	MK876475	-	MK876466	MK876507
<i>Colletotrichum fioriniae</i>	CBS 128517	JQ948292	JQ948622	JQ948953	JQ949613	JQ949943
<i>Colletotrichum fructicola</i>	ICMP 18581	JX010165	JX010033	JX009866	FJ907426	JX010405
<i>Colletotrichum fructicola</i>	YMF 1.04959	OL842164	OL981259	OL981285	OL981233	-
<i>Colletotrichum fructicola</i>	Y79-6	OL842165	OL981260	OL981286	OL981234	-
<i>Colletotrichum fructivorum</i>	CBS 133125	JX145145	-	-	-	JX145196
<i>Colletotrichum gigasporum</i>	CBS 133266	KF687715	KF687822	KF687761	-	KF687866
<i>Colletotrichum gloeosporioides</i>	CBS 112999	JQ005152	JQ005239	JQ005326	JQ005500	JQ005587
<i>Colletotrichum graminicola</i>	CBS 130836	JQ005767	-	JQ005788	JQ005830	JQ005851
<i>Colletotrichum grevilleae</i>	CBS 132879	KC297078	KC297010	KC296987	KC296941	KC297102
<i>Colletotrichum grossum</i>	CAUG7*	KP890165	KP890159	KP890153	KP890141	KP890171
<i>Colletotrichum guizhouensis</i>	CGMCC 3.15112	JX625158	KC843536	-	KC843536	JX625185
<i>Colletotrichum hebeiense</i>	MFLUCC13-0726	KF156863	KF377495	KF289008	KF377532	KF288975
<i>Colletotrichum hederiicola</i>	MFLU 15-0689	MN631384	-	MN635794	MN635795	-
<i>Colletotrichum helleniense</i>	CBS 142418	KY856446	KY856270	KY856186	KY856019	KY856528

<i>Colletotrichum henanense</i>	CGMCC 3.17354	KJ955109	KJ954810	-	KM023257	KJ955257
<i>Colletotrichum hippeastri</i>	CBS 125376	JQ005231	JQ005318	JQ005405	JQ005579	JQ005665
<i>Colletotrichum horii</i>	ICMP 10492	GQ329690	GQ329681	JX009752	JX009438	JX010450
<i>Colletotrichum hsienjenchang</i>	MAFF 243051	AB738855	-	AB738846	AB738845	-
<i>Colletotrichum hystricis</i>	CBS 142411	KY856450	KY856274	KY856190	KY856023	KY856532
<i>Colletotrichum jasminigenum</i>	MFLUCC 10-0273	HM131513	-	-	-	HM153770
<i>Colletotrichum jiangxiense</i>	CGMCC 3.17363	KJ955201	KJ954902	-	KJ954471	KJ955348
<i>Colletotrichum jiangxiense</i>	YMF 1.04949	OL842166	OL981261	OL981287	OL981235	-
<i>Colletotrichum jiangxiense</i>	QC67	OL842167	OL981262	OL981288	OL981236	-
<i>Colletotrichum jiangxiense</i>	HM6	OL842168	OL981263	OL981289	OL981237	-
<i>Colletotrichum kahawae</i>	ICMP17816	JX010231	JX010012	JX009813	JX009452	JX010444
<i>Colletotrichum karstii</i>	CORCG6	HM585409	HM585391	HM582023	HM581995	HM585428
<i>Colletotrichum karstii</i>	YMF 1.04944	OL842174	OL981269	OL981295	OL981243	OL981229
<i>Colletotrichum liaoningense</i>	CGMCC 3.17616	KP890104	KP890135	KP890127	KP890097	KP890111
<i>Colletotrichum lili</i>	CBS 109214	GU227810	GU228202	GU228300	GU227908	GU228104
<i>Colletotrichum limetticola</i>	CBS 114.14	JQ948193	JQ948523	JQ948854	JQ949514	JQ949844
<i>Colletotrichum limonicola</i>	CBS 142410	KY856472	KY856296	KY856213	KY856045	KY856554
<i>Colletotrichum litangense</i>	YMF 1.04948	OL842185	OL981280	OL981306	OL981254	-
<i>Colletotrichum litangense</i>	LT31	OL842186	OL981281	OL981307	OL981255	-
<i>Colletotrichum litangense</i>	LT76	OL842187	OL981282	OL981308	OL981256	-
<i>Colletotrichum lobatum</i>	IMI 79736	MG600768	MG600828	MG600874	MG600972	MG601035
<i>Colletotrichum lupine</i>	CBS 109225	JQ948155	JQ948485	JQ948816	JQ949476	JQ949806
<i>Colletotrichum magnum</i>	CBS 519.97	MG600769	MG600829	MG600875	MG600973	MG601036
<i>Colletotrichum makassarens</i>	CBS 143664a,	MH728812	MH728820	MH805850	MH781480	MH846563
<i>Colletotrichum melonis</i>	CBS 159.84	JQ948194	JQ948524	JQ948855	JQ949515	JQ949845
<i>Colletotrichum merremiae</i>	CBS 124955	MG600765	MG600825	MG600872	MG600969	MG601032

<i>Colletotrichum metake</i>	MAFF 244029	AB738859	-	-	-	-
<i>Colletotrichum musae</i>	ICMP19119	HQ596292	HQ596299	JX009896	HQ596284	HQ596280
<i>Colletotrichum musicola</i>	CBS 132885	MG600736	MG600798	MG600853	MG600942	MG601003
<i>Colletotrichum navitas</i>	CBS 125086	JQ005769	-	JQ005790	JQ005832	JQ005853
<i>Colletotrichum nigrum</i>	CBS 169.49	JX546838	JX546742	JX546693	JX546646	JX546885
<i>Colletotrichum novae-zelandiae</i>	CBS 128505	JQ005228	JQ005315	JQ005402	JQ005576	JQ005662
<i>Colletotrichum nupharicola</i>	ICMP 18187	JX010187	JX009972	JX009835	JX009437	JX010398
<i>Colletotrichum ocimi</i>	CBS 298.94	KM105222	KM105577	KM105292	KM105432	KM105502
<i>Colletotrichum okinawense</i>	MAFF 240517	MG600767	MG600827	-	MG600971	MG601034
<i>Colletotrichum oncidii</i>	CBS 129828	JQ005169	JQ005256	JQ005343	JQ005517	JQ005603
<i>Colletotrichum orbiculare</i>	CBS 570.97	KF178466	KF178490	KF178515	KF178563	KF178587
<i>Colletotrichum orchidearum</i>	CBS 135131	MG600738	MG600800	MG600855	MG600944	MG601005
<i>Colletotrichum orchidis</i>	MFLUCC17-1302	MK502144	MK496857	MK496855	MK496853	MK496859
<i>Colletotrichum orchidophilum</i>	CBS 632.80	JQ948151	JQ948481	JQ948812	JQ949472	JQ949802
<i>Colletotrichum panamense</i>	CBS 125386	MG600766	MG600826	MG600873	MG600970	MG601033
<i>Colletotrichum pandanicola</i>	MFLUCC 17-0571	MG646967	MG646934	MG646931	MG646938	MG646926
<i>Colletotrichum paranaense</i>	CBS 134729	KC204992	KC205026	KC205043	KC205077	KC205060
<i>Colletotrichum parsonsiae</i>	CBS 128525	JQ005233	JQ005320	JQ005407	JQ005581	JQ005667
<i>Colletotrichum perseae</i>	CBS 141365	KX620308	KX620242	-	KX620145	KX620341
<i>Colletotrichum petchii</i>	CBS 378.94	JQ005223	JQ005310	JQ005397	JQ005571	JQ005657
<i>Colletotrichum phaseolorum</i>	CBS 158.36	GU227897	GU228289	GU228387	GU227995	GU228191
<i>Colletotrichum philoxeroidis</i>	YMF 1.04945	OL842188	OL981283	OL981309	OL981257	-
<i>Colletotrichum phyllanthi</i>	CBS 175.67	JQ005221	JQ005308	JQ005395	JQ005569	JQ005655
<i>Colletotrichum piperis</i>	IMI 71397	MG600760	MG600820	MG600867	MG600964	MG601027
<i>Colletotrichum plurivorum</i>	CBS 125474	MG600718	MG600781	MG600841	MG600925	MG600985
<i>Colletotrichum proteae</i>	CBS 132882	KC297079	KC297009	KC296986	KC296940	KC297101

<i>Colletotrichum pseudoacutatum</i>	CBS 436.77	JQ948480	JQ948811	JQ949141	JQ949801	JQ950131
<i>Colletotrichum pseudomajus</i>	CBS 571.88	KF687722	KF687826	KF687779	KF687801	KF687883
<i>Colletotrichum pseudotheobromicola</i>	MFLUCC 18–1602	MH817395	MH853675	MH853678	MH853681	MH853684
<i>Colletotrichum psidii</i>	CBS 145.29	JX010219	JX009967	JX009901	JX009515	JX010443
<i>Colletotrichum pyrifolia</i>	CGMCC 3.18902	MG748078	MG747996	MG747914	MG747768	MG748158
<i>Colletotrichum queenslandicum</i>	ICMP 1778	JX010276	JX009934	JX009899	JX009447	JX010414
<i>Colletotrichum radicans</i>	CBS 529.93	KF687719	KF687825	KF687762	KF687785	KF687869
<i>Colletotrichum rhexiae</i>	CBS 133134	JX145128	-	-	-	JX145179
<i>Colletotrichum rusci</i>	CBS 119206	GU227818	GU228210	GU228308	GU227916	GU228112
<i>Colletotrichum salsolae</i>	ICMP 19051	JX010242	JX009916	JX009863	JX009562	JX010403
<i>Colletotrichum siamense</i>	ICMP 18578	FJ972613	FJ972575	JX009865	FJ907423	FJ907438
<i>Colletotrichum sidae</i>	CBS 504.97	KF178472	KF178497	KF178521	KF178569	KF178593
<i>Colletotrichum sojae</i>	ATCC 62257	MG600749	MG600810	MG600860	MG600954	MG601016
<i>Colletotrichum somersetense</i>	CBS 131599	JX076862	-	-	-	-
<i>Colletotrichum spaethianum</i>	CBS 167.49	GU227807	GU228199	GU228297	GU227905	GU228101
<i>Colletotrichum spicati</i>	YMF 1.04942	OL842171	OL981266	OL981292	OL981240	OL981226
<i>Colletotrichum spicati</i>	F6	OL842172	OL981267	OL981293	OL981241	OL981227
<i>Colletotrichum spinosum</i>	CBS 515.97	KF178474	KF178498	KF178523	KF178571	KF178595
<i>Colletotrichum sydowii</i>	CBS135819	KY263783	KY263785	KY263787	KY263791	KY263793
<i>Colletotrichum syzygiicola</i>	MFLUCC 10-0624	KF242094	KF242156	-	KF157801	KF254880
<i>Colletotrichum tainanense</i>	CBS 143666a	MH728818	MH728823	MH805845	MH781475	MH846558
<i>Colletotrichum tamarilloi</i>	CBS 129814	JQ948184	JQ948514	JQ948845	JQ949505	JQ949835
<i>Colletotrichum temperatum</i>	CBS 133122	JX145159	-	-	-	JX145211
<i>Colletotrichum tengchongense</i>	YMF 1.04950	OL842169	OL981264	OL981290	OL981238	-
<i>Colletotrichum theobromicola</i>	ICMP 18649	JX010294	JX010006	JX009869	JX009444	JX010447
<i>Colletotrichum ti</i>	ICMP 4832	JX010269	JX009952	JX009898	JX009520	JX010442

<i>Colletotrichum torulosum</i>	CBS 128544	JQ005164	JQ005251	JQ005338	JQ005512	JQ005598
<i>Colletotrichum trichellum</i>	CBS 217.64	GU227812	GU228204	GU228302	GU227910	GU228106
<i>Colletotrichum tropicale</i>	CBS 124949	JX010264	JX010007	JX009870	JX009489	JX010407
<i>Colletotrichum truncatum</i>	CBS 151.35	GU227862	GU228254	GU228352	GU227960	GU228156
<i>Colletotrichum viniferum</i>	GZAAS5.08601	JN412804	JN412798	-	JN412795	JN412813
<i>Colletotrichum vittalense</i>	CBS 181.82	MG600734	MG600796	MG600851	MG600940	MG601001
<i>Colletotrichum vulgaris</i>	YMF 1.04940	OL842170	OL981265	OL981291	OL981239	-
<i>Colletotrichum watphraense</i>	MFLUCC 14-0123	MF448523	MH049479	-	MH376384	MH351276
<i>Colletotrichum wuxiense</i>	CGMCC 3.17894	KU251591	KU252045	KU251939	KU251672	KU252200
<i>Colletotrichum wuxuhaiense</i>	YMF 1.04951	OL842173	OL981268	OL981294	OL981242	OL981228
<i>Colletotrichum wuxuhaiense</i>	F34	OL842175	OL981270	OL981296	OL981244	OL981230
<i>Colletotrichum xanthorrhoeae</i>	ICMP 17903	JX010261	JX009927	JX009823	JX009478	JX010448
<i>Colletotrichum yulongense</i>	CFCC 50818	MH751507	MK108986	MH793605	MH777394	MK108987
<i>Colletotrichum yunnanense</i>	CBS 13213	JX546804	JX546706	JX519231	JX519239	JX519248
<i>Monilochaetes infuscans</i>	CBS 86996	JQ005780	JX546612	JQ005801	-	JQ005864
