

Table S1. Strains used for the phylogenetic analyses in this study and their GenBank accession Numbers

Name	Culture Collection number ¹	GenBank accession numbers ²				
		ITS	<i>gapdh</i>	<i>rpb2</i>	<i>tef1-α</i>	<i>Alt-a 1</i>
<i>Alternaria alstroemeriae</i>	CBS 118808	KP124296	KP124153	KP124764	KP125071	KP123845
<i>Alternaria alstroemeriae</i>	CBS 118809	KP124297	KP124154	KP124765	KP125072	-
<i>Alternaria alternata</i>	CBS 174.52	KC584228	KC584152	DQ677964	KC584704	KP123856
<i>Alternaria alternata</i>	CBS 916.96 ^T	AF347031	AY278808	KC584375	KC584634	AY563301
<i>Alternaria alternata</i>	CBS 102595	FJ266476	AY562411	KC584408	KC584666	AY563306
<i>Alternaria alternata</i>	JZB3180002	MH827031	MH853645	MH853718	MH853703	MH853692
<i>Alternaria anigozanthi</i>	CBS 121920 ^T	KC584180	KC584097	KC584376	KC584635	-
<i>Alternaria arborescens</i>	CBS 102605 ^T	AF347033	AY278810	KC584377	KC584636	AY563303
<i>Alternaria arborescens</i>	CBS 101.13	KP124392	KP124244	KP124862	KP125170	KP123940
<i>Alternaria arborescens</i>	CBS 112633	KP124400	KP124252	KP124870	KP125178	KP123947
<i>Alternaria aspera</i>	CBS 115269 ^T	KC584242	KC584166	KC584474	KC584734	KF533899
<i>Alternaria betae-kenyensis</i>	CBS 118810 ^T	KP124419	KP124270	KP124888	KP125197	KP123966
<i>Alternaria brassicicola</i>	CBS 118699	JX499031	KC584103	KC584383	KC584642	-
<i>Alternaria burnsii</i>	CBS 108.27	KC584236	KC584162	KC584468	KC584727	KP123850
<i>Alternaria burnsii</i>	CBS 107.38 ^T	KP124420	JQ646305	KP124889	KP125198	KP123967
<i>Alternaria burnsii</i>	YZU 191003	MN656136	MN718662	MN656154	MN656146	MN656141
<i>Alternaria carotiincultae</i>	CBS 109381 ^T	KC584188	KC584106	KC584386	KC584645	-

<i>Alternaria cheiranthi</i>	CBS 109384	AF229457	KC584107	KC584387	KC584646	JQ905106
<i>Alternaria cinerariae</i>	CBS 116495	KC584190	KC584109	KC584389	KC584648	-
<i>Alternaria cucurbitae</i>	CBS 483.81	FJ266483	AY562418	KC584483	KC584743	-
<i>Alternaria dauci</i>	CBS 117097	KC584192	KC584111	KC584392	KC584651	KJ718678
<i>Alternaria dianthicola</i>	CBS 116491	KC584194	KC584113	KC584394	KC584653	-
<i>Alternaria eichhorniae</i>	CBS 489.92 ^T	KC146356	KP124276	KP124895	KP125204	KP123973
<i>Alternaria eichhorniae</i>	CBS 119778	KP124426	KP124277	KP124896	KP125205	-
<i>Alternaria gaisen</i>	CBS 632.93	KC584197	KC584116	KC584399	KC584658	KP123974
<i>Alternaria gaisen</i>	CBS 118488	KP124427	KP124278	KP125206	KP124897	KP123975
<i>Alternaria gossypina</i>	CBS 100.23	KP124429	KP124280	KP124899	KP125208	KP123977
<i>Alternaria gossypina</i>	CBS 104.32 ^T	KP124430	JQ646312	KP124900	KP125209	JQ646395
<i>Alternaria gypsophila</i>	CBS 107.41 ^T	KC584199	KC584118	KC584401	KC584660	JQ646304
<i>Alternaria iridialustralis</i>	CBS 118486 ^T	KP124435	KP124284	KP124905	KP125214	KP123981
<i>Alternaria iridialustralis</i>	CBS 118404	KP124434	KP124283	KP124904	KP125213	KP123980
<i>Alternaria jacinthicola</i>	CBS 133751 ^T	KP124438	KP124287	KP124908	KP125217	KP123984
<i>Alternaria jacinthicola</i>	CPC 25267	KP124439	KP124288	KP124909	KP125218	KP123985
<i>Alternaria japonica</i>	CBS 118390	KC584201	KC584121	KC584405	KC584663	-
<i>Alternaria juxtiseptata</i>	CBS 119673 ^T	KC584202	KC584122	KC584406	KC584664	-
<i>Alternaria leucanthemi</i>	CBS 421.65 ^T	KC584240	KC584164	KC584472	KC584732	-
<i>Alternaria longipes</i>	CBS 540.94	AY278835	AY278811	KC584409	KC584667	AY563304
<i>Alternaria longipes</i>	CBS 917.96	KP124442	KP124291	KP124912	KP125226	KP123988

<i>Alternaria longipes</i>	CBS 121333	KP124444	KP124293	KP124914	KP125223	KP123990
<i>Alternaria macrospora</i>	CBS 117228 ^T	KC584204	KC584124	KC584410	KC584668	KJ718702
<i>Alternaria nepalensis</i>	CBS 118700 ^T	KC584207	KC584126	KC584414	KC584672	-
<i>Alternaria nobilis</i>	CBS 116490	KC584208	KC584127	KC584415	KC584673	JQ646385
<i>Alternaria obovoidea</i>	CBS 101229	FJ266487	FJ266498	KC584485	KC584745	FJ266513
<i>Alternaria panax</i>	CBS 482.81	KC584209	KC584128	KC584417	KC584675	-
<i>Alternaria perpunctulata</i>	CBS 115267 ^T	KC584210	KC584129	KC584418	KC584676	JQ905111
<i>Alternaria photistica</i>	CBS 212.86 ^T	KC584212	KC584131	KC584420	KC584678	-
<i>Alternaria porri</i>	CBS 116698	DQ323700	KC584132	KC584421	KC584679	KJ718726
<i>Alternaria</i>	ZHKUCC 22-0146	OP120855	OP160290	OP160284	OP160281	OP160287
<i>pogostemonis</i>						
<i>Alternaria pogostemonis</i>	ZHKUCC 22-0147	OP120856	OP160291	OP160285	OP160282	OP160288
<i>Alternaria pogostemonis</i>	ZHKUCC 22-0148	OP120857	OP160292	OP160286	OP160283	OP160289
<i>Alternaria prunicola</i>	MFLUCC 18–1598	MH827032	MH853646	MH853719	MH853704	MH853693
<i>Alternaria prunicola</i>	MFLUCC 18–1596	MH827033	MH853647	MH853720	MH853705	MH853694
<i>Alternaria prunicola</i>	JZB3180005	MH827034	MH853648	MH853721	MH853706	MH853695
<i>Alternaria prunicola</i>	JZB3180006	MH827035	MH853649	MH853722	MH853707	MH853696
<i>Alternaria prunicola</i>	MFLUCC 18–1597	MH827036	MH853650	MH853723	MH853708	MH853697
	^T					
<i>Alternaria prunicola</i>	MFLUCC 18–1599	MH827037	MH853651	MH853724	MH853709	MH853698
<i>Alternaria prunicola</i>	JZB3180013	MH827042	MH853656	MH853729	MH853714	-

<i>Alternaria</i>	MFLUCC 18–1589	MH827030	MH853644	MH853717	MH853702	-
<i>pseudoeichhorniae</i>	^T					
<i>Alternaria pseudorostrata</i>	CBS 119411 ^T	JN383483	AY562406	KC584422	KC584680	-
<i>Alternaria radicina</i>	CBS 245.67 ^T	KC584213	KC584133	KC584423	KC584681	FN689405
<i>Alternaria saponariae</i>	CBS 116492	KC584215	KC584135	KC584425	KC584683	-
<i>Alternaria septospora</i>	CBS 109.38	FJ266489	FJ266500	KC584487	KC584747	FJ266515
<i>Alternaria simsimi</i>	CBS 115265 ^T	JF780937	KC584137	KC584428	KC584686	JQ905110
<i>Alternaria solani</i>	CBS 116651	KC584217	KC584139	KC584430	KC584688	-
<i>Alternaria sonchi</i>	CBS 119675	KC584220	KC584142	KC584433	KC584691	-
<i>Alternaria sp.</i>	CBS 115.44	KC584214	KC584134	KC584424	KC584682	-
<i>Alternaria tagetica</i>	CBS 479.81	KC584221	KC584143	KC584434	KC584692	KJ718761
<i>Alternaria tenuissima</i>	CBS 918.96	AF347032	AY278809	KC584435	KC584693	AY563302
<i>Alternaria terricola</i>	CBS 202.67 ^T	FJ266490	KC584177	KC584490	KC584750	FJ266516
<i>Alternaria tomato</i>	CBS 103.30	KP124445	KP124294	KP124915	KP125224	KP123991
<i>Alternaria tomato</i>	CBS 114.35	KP124446	KP124295	KP124916	KP125225	KP123992
<i>Alternaria vaccariicola</i>	CBS 118714 ^T	KC584224	KC584147	KC584439	KC584697	-
<i>Alternaria alternantherae</i>	CBS 124392	KC584179	KC584096	KC584374	KC584633	KP123846
<i>Stemphylium botryosum</i>	ATCC 42170 ^T	AF229481	AY278820	JQ905202	JQ672391	AY563274

Abbreviations of isolates and culture collections: ATCC ATCC ATCC—American Type Culture Collection, Virginia, USA; CBS—Centraalbureau voor Schimmelcultures, Utrecht, Netherlands; MFLUCC—Mae Fah Luang University Culture Collection, Chiang Rai, Thailand; JZB—Culture collection of Institute of Plant and Environment Protection, Beijing Academy of Agriculture and Forestry Sciences (China); ZHKUCC—Culture collection of Zhongkai University of Agriculture and Engineering. Sequences produced in this study are shown in red. ^T Indicates ex-type/ex-epitype isolates.