

**Table S2.** GenBank and culture collection accession numbers of *Lasiodiplodia* species treated in the phylogenies.

Species name	Isolated/Culture collection number <sup>1</sup>	Host	Country	Collector(s)	GenBank accession numbers		
					ITS1-2	<i>tef1</i>	<i>tub2</i>
<i>L. brasiliensis</i>	CBS 115447	<i>Psychotria tutcheri</i>	Hong Kong, China	-	MT587422	MT592134	MT592614
	CBS 120395	<i>Theobroma cacao</i>	Cameroon	M. Mbenoun & N. Amoudou	MT587423	MT592135	MT592615
	CMW 35884	<i>Adansonia madagascariensis</i>	Madagascar	-	KU887094	KU886972	KU887466
<i>L. laeliocattleyae</i>	<b>CBS 130992</b>	<i>Mangifera indica</i>	Egypt	A. Ismail	JN814397	JN814424	KU887508
	<b>CBS 167.28</b>	<i>Laelio cattleya</i>	Italy	C. Sibilis	MT587425	MT592136	MT592618
<i>L. mediterranea</i>	<b>CBS 137783</b>	<i>Quercus ilex</i>	Italy	B.T. Linaldeddu	KJ638312	KJ638331	KU887521
	CBS 137784	<i>Vitis vinifera</i>	Italy	S. Serra	KJ638311	KJ638330	KU887522
<i>L. pseudotheobromae</i>	CBS 116459	<i>Gmelina arborea</i>	Costa Rica	J. Carranza-Velásquez	EF622077	EF622057	EU673111
	CBS 116460	<i>Acacia mangium</i>	Costa Rica	-	EF622078	EF622058	KU198428
	CBS 121772	<i>Acacia mellifera</i>	Namibia	F.J.J. van der Walt & J. Roux	EU101310	EU101355	MT592627
	CBS 121773	<i>Acacia mellifera</i>	Namibia	F.J.J. van der Walt & J. Roux	EU101311	EU101356	MT592628
	CBS 130991	<i>Mangifera indica</i>	Egypt	A. Ismail	MT587433	MT592145	MT592629
<i>L. theobromae</i>	CBS 304.79	<i>Rosa cv. Ilona</i>	Netherlands	P.D. Wageningen	EF622079	EF622061	MT592630
	CGMCC 3.18047	<i>Pteridium</i> sp.	China	W. He & Z. Dou	KX499876	KX499914	KX499989
	CBS 111530	<i>Leucospermum</i> sp.	USA	J.E. Taylor	EF622074	EF622054	KU887531
	CBS 130989	<i>Mangifera indica</i>	Egypt	A.M. Ismail	MT587437	MT592149	MT592634
	CBS 138868	<i>Ficus religiosa</i>	Iran	M. Mirabolfaty	MT587438	MT592150	MT592635
	CBS 139728	Human, knee	Netherlands	N. Desbois	MT587439	MT592151	MT592636
	<b>CBS 164.96</b>	Fruit along coral reef coas	Papua	A. Aptroot	AY640255	AY640258	KU887532
	CBS 214.50	<i>Cajanus cajan</i>	India	-	MT587440	MT592152	MT592637
	CBS 306.58	<i>Cocos nucifera</i>	-	-	EF622071	EF622051	MT592638
	<b>CGMCC 3.18464</b>	<i>Aquilaria crassna</i>	Laos	X. Sun	KY783471	KY848609	KY848552
<i>L. viticola</i>	<b>CBS 128313</b>	<i>Vitis vinifera</i>	USA	R.D.Cartwright & W.D. Gubler	HQ288227	HQ288269	HQ288306
	CBS 128314	<i>Vitis vinifera</i>	USA	K. Striegler & W.D. Gubler	HQ288228	HQ288270	HQ288307
<i>Neodeightonia phoenicum</i>	CBS 122528	<i>Phoenix</i> sp.	Spain	F. Garcia	EU673340	EU673309	EU673116

<sup>1</sup> Bold culture collection numbers means ex-type strains