

**HOW TO CITE:**

Kemler M, Wingfield MJ, Cowan DA, Slippers B. Foliar fungi of the enigmatic desert plant *Welwitschia mirabilis* show little adaptation to their unique host plant [supplementary material]. S Afr J Sci. 2021;117(3/4), Art. #7666. <https://doi.org/10.17159/sajs.2021/7666/suppl>

**Supplementary table 1:** Ascomycota isolates recovered from *Welwitschia mirabilis*. Indicated are the taxonomic identities of the isolates as used in [Figure 1](#) as well as the best hit of the megablast against NCBI. Accession numbers are given for ITS, beta-tubulin 1, beta-tubulin 2, and elongation factor 1 alpha. Asterisks indicate sequences that were sequenced using only the forward primer ITS1F.

DNA isolation no.	Isolate identity as in phylogeny	ITS	BTub1	BTub2	Ef1a	Best ITS BLAST hit
mk043	Pleosporales	KT150626	—	—	—	HQ832825 Pleosporales sp. LH241
mk052	<i>Phoma</i> s.l.	KT150627	—	—	—	DQ420969 Uncultured soil fungus clone 115-50
mk066	<i>Aureobasidium</i>	KT150628	KT150524	—	KT150595	HQ832807 <i>Aureobasidium pullulans</i> isolate LH66
mk070	<i>Phoma</i> s.l.	KT150629	—	—	—	DQ420984 Uncultured soil fungus clone 133-25
mk071	<i>Phoma</i> s.l.	KT150630	KT150525	—	KT150605	EU489902 Uncultured ascomycete clone 4M1_C09
mk072	<i>Pleospora welwitschiae</i>	KT150631	KT150526	—	KT150615	FJ213534 Uncultured fungus clone TSPF_38
mk074	<i>Aureobasidium</i>	KT150632	—	—	—	GU941387 Uncultured eukaryote clone N302T_280
mk075	<i>Pleospora welwitschiae</i>	KT150633	KT150527	—	KT150621	FJ213534 Uncultured fungus clone TSPF_38
mk076	<i>Pleospora welwitschiae</i>	KT150634	—	—	—	FJ213534 Uncultured fungus clone TSPF_38
mk077	<i>Phoma</i> s.l.	KT150635	—	—	—	GQ352490 <i>Phoma</i> sp. 77GP/S
mk081	<i>Aureobasidium</i>	KT150636	—	KT150568	KT150588	HQ631013 <i>Aureobasidium</i> sp. TMS-2011
mk083	<i>Aspergillus</i>	KT150637	KT150528	—	KT150584	GU721579 Uncultured fungus clone f2HSc82
mk084	<i>Aspergillus</i>	KT150638	KT150529	—	KT150585	GU721579 Uncultured fungus clone f2HSc82
mk085	<i>Aspergillus</i>	KT150639	KT150530	—	KT150586	GU721579 Uncultured fungus clone f2HSc82
mk086	<i>Aureobasidium</i>	KT150640	—	—	KT150591	HQ631013 <i>Aureobasidium</i> sp. TMS-2011
mk088	<i>Bionectria</i>	KT150641	—	—	—	HQ607832 <i>Bionectria ochroleuca</i> isolate ATT093
mk089	<i>Phoma</i>	KT150642	KT150531	—	KT150608	GQ352490 <i>Phoma</i> sp. 77GP/S
mk090	<i>Phoma</i>	KT150643	KT150532	—	KT150603	EU489902 Uncultured ascomycete clone 4M1_C09
mk091	<i>Phoma</i>	KT150644	KT150533	—	KT150604	EU489902 Uncultured ascomycete clone 4M1_C09

DNA isolation no.	Isolate identity as in phylogeny	ITS	BTub1	BTub2	Ef1a	Best ITS BLAST hit
mk092	<i>Phoma</i>	KT150645	KT150534	–	–	EU489902 Uncultured ascomycete clone 4M1_C09
mk094	<i>Penicillium</i>	KT150646	KT150535	–	KT150601	JF497145 Uncultured fungus clone ABP_42
mk095	<i>Pleospora welwitschiae</i>	KT150647	–	–	KT150617	FJ213534 Uncultured fungus clone TSPF_38
mk096	<i>Phoma</i>	KT150648	KT150536	–	KT150606	EU489902 Uncultured ascomycete clone 4M1_C09
mk097	<i>Phoma</i>	KT150649	KT150537	–	KT150609	GQ352490 <i>Phoma</i> sp. 77GP/S
mk098	<i>Pleospora welwitschiae</i>	KT150650	KT150538	–	KT150625	FJ213534 Uncultured fungus clone TSPF_38
mk099	<i>Alternaria</i>	KT150651	–	–	–	HE608798 <i>Alternaria</i> sp. MS-2011-F29
mk100	<i>Pleospora welwitschiae</i>	KT150652	KT150539	–	KT150616	FJ213534 Uncultured fungus clone TSPF_38
mk102	<i>Aureobasidium</i>	KT150653	KT150540	–	–	FJ037743 <i>Yarrowia lipolytica</i> strain GX5-3E
mk105	<i>Pleospora welwitschiae</i>	KT150654	KT150541	–	KT150623	FJ213534 Uncultured fungus clone TSPF_38
mk109	<i>Aureobasidium</i>	KT150655	KT150542	KT150569	KT150599	GU941387 Uncultured eukaryote clone N302T_280
mk112	<i>Aureobasidium</i>	KT150656	KT150543	KT150570	KT150598	FJ037743 <i>Yarrowia lipolytica</i> strain GX5-3E
mk114	<i>Pleospora welwitschiae</i>	KT150657	KT150544	–	KT150620	GU934536 <i>Leptosphaeria</i> sp. OTU860
mk115	<i>Pleospora welwitschiae</i>	KT150658	KT150545	–	KT150622	FJ213534 Uncultured fungus clone TSPF_38
mk116	<i>Pleospora welwitschiae</i>	KT150659	KT150546	–	KT150624	FJ213534 Uncultured fungus clone TSPF_38
mk117	<i>Aureobasidium</i>	KT150660	–	–	–	GU941387 Uncultured eukaryote clone N302T_280
mk118	<i>Pleospora welwitschiae</i>	KT150661	KT150547	–	KT150619	DQ682586 <i>Leptosphaeriaceae</i> sp. IBL 03163
mk123	<i>Aureobasidium</i>	KT150662	–	–	–	GU942238 Uncultured eukaryote clone N505T_61
mk126	<i>Pleospora welwitschiae</i>	KT150663	–	–	KT150618	GU062241 <i>Ascomycota</i> sp. I157
mk133	Pleosporales	KT150664	–	–	–	HQ832825 Pleosporales sp. LH241
mk134	<i>Aureobasidium</i>	KT150665	–	KT150566	KT150589	HQ631013 <i>Aureobasidium</i> sp. TMS-2011
mk135	<i>Aspergillus</i>	KT150666	–	–	KT150587	GU721579 Uncultured fungus clone f2HSc82
mk136	<i>Stigminia</i>	KT150667	–	–	–	AY843045 <i>Stigminia</i> sp. TRN9
mk137	<i>Cladosporium</i>	KT150668	–	–	–	HQ829064 <i>Cladosporium</i> sp. MAB-2010b strain CID 029
mk138	<i>Phoma</i>	KT150669	KT150548	–	KT150607	EU489902 Uncultured ascomycete clone 4M1_C09
mk139	<i>Alternaria</i>	KT150670	KT150549	–	KT150583	HE608798 <i>Alternaria</i> sp. MS-2011-F29

DNA isolation no.	Isolate identity as in phylogeny	ITS	BTub1	BTub2	Ef1a	Best ITS BLAST hit
mk140	<i>Alternaria</i>	KT150671	KT150550	–	KT150582	HE608798 <i>Alternaria</i> sp. MS-2011-F29
mk160	<i>Talaromyces</i>	KT150672	KT150551	–	–	GU566240 <i>Penicillium minioluteum</i> strain E3
mk161	<i>Alternaria</i>	KT150673	KT150552	–	KT150579	GU941387 Uncultured eukaryote clone N302T_280
mk162	<i>Aureobasidium</i>	KT150674	KT150553	KT150571	KT150593	HQ832807 <i>Aureobasidium pullulans</i> isolate LH66
mk163	<i>Alternaria</i>	KT150675	KT150554	–	KT150580	FM178237 Uncultured Dothioraceae
mk164	<i>Aureobasidium</i>	KT150676	KT150555	KT150574	–	FM178237 Uncultured Dothioraceae
mk165	<i>Aureobasidium</i>	KT150677	KT150556	KT150573	KT150590	HQ631013 <i>Aureobasidium</i> sp. TMS-2011
mk166	<i>Aureobasidium</i>	KT150678	KT150557	KT150575	KT150596	JN712493 <i>Aureobasidium proteae</i> strain CPC 2826
mk167	<i>Pestalotiopsis</i>	KT150679	KT150558	–	KT150602	FJ478120 <i>Pestalotiopsis microspora</i> strain xsd08078
mk168	<i>Aureobasidium</i>	KT150680	–	KT150567	KT150592	HQ631013 <i>Aureobasidium</i> sp. TMS-2011
mk169	<i>Aureobasidium</i>	KT150681	–	KT150572	KT150594	GU721582 Uncultured fungus clone fTHOc96
mk170	<i>Alternaria</i>	KT150682	KT150559	–	KT150581	HE608798 <i>Alternaria</i> sp. MS-2011-F29
mk172	<i>Phoma</i>	KT150683	KT150560	–	–	GQ352490 <i>Phoma</i> sp. 77GP/S
mk173	<i>Phoma</i>	KT150684	KT150561	–	KT150610	EU144365 Root-associated fungal sp. JH-01
mk174	<i>Pestalotiopsis</i>	KT150685	–	–	–	FJ478120 <i>Pestalotiopsis microspora</i> strain xsd08078
mk175	<i>Phoma</i>	KT150686	KT150562	–	–	FN539075 Uncultured <i>Phoma</i> 18S
mk203*	<i>Aureobasidium</i>	KT150687	KT150563	KT150578	KT150600	DQ680686 <i>Aureobasidium pullulans</i> strain HN4-4
mk204*	<i>Aureobasidium</i>	KT150688	–	–	–	FJ037743 <i>Yarrowia lipolytica</i> strain GX5-3E
mk205*	<i>Aureobasidium</i>	KT150689	–	–	–	DQ680686 <i>Aureobasidium pullulans</i> strain HN4-4
mk206*	<i>Aureobasidium</i>	KT150690	–	–	–	DQ680686 <i>Aureobasidium pullulans</i> strain HN4-4
mk207*	<i>Aureobasidium</i>	KT150691	–	KT150577	–	EF420015 Fungal endophyte isolate 9060
mk208*	<i>Aureobasidium</i>	KT150692	–	–	–	AB693902 <i>Aureobasidium pullulans</i>
mk209*	<i>Alternaria</i>	KT150693	–	–	–	HQ025969 <i>Alternaria</i> sp. 134
mk210*	<i>Alternaria</i>	KT150694	–	–	–	HQ025969 <i>Alternaria</i> sp. 134
mk211*	<i>Alternaria</i>	KT150695	–	–	–	HQ025969 <i>Alternaria</i> sp. 134
mk212*	<i>Alternaria</i>	KT150696	–	–	–	HQ025969 <i>Alternaria</i> sp. 134

DNA isolation no.	Isolate identity as in phylogeny	ITS	BTub1	BTub2	Ef1a	Best ITS BLAST hit
mk213*	<i>Phoma</i>	KT150697	–	–	–	JN207353 <i>Phoma</i> sp. P49E1
mk214*	<i>Alternaria</i>	KT150698	–	–	–	HQ025969 <i>Alternaria</i> sp. 134
mk215*	<i>Aureobasidium</i>	KT150699	–	–	–	DQ680686 <i>Aureobasidium pullulans</i> strain HN4-4
mk216*	<i>Aureobasidium</i>	KT150700	–	–	–	FJ037743 <i>Yarrowia lipolytica</i> strain GX5-3E
mk217*	<i>Aureobasidium</i>	KT150701	–	–	–	DQ680686 <i>Aureobasidium pullulans</i> strain HN4-4
mk218*	<i>Aureobasidium</i>	KT150702	–	–	–	GU941387 Uncultured eukaryote clone N302T_280
mk219*	<i>Alternaria</i>	KT150703	–	–	–	HQ025969 <i>Alternaria</i> sp. 134
mk220*	<i>Alternaria</i>	KT150704	–	–	–	HQ025969 <i>Alternaria</i> sp. 134
mk221*	<i>Alternaria</i>	KT150705	–	–	–	HQ025969 <i>Alternaria</i> sp. 134
mk222*	<i>Alternaria</i>	KT150706	–	–	–	HQ025969 <i>Alternaria</i> sp. 134
mk223*	<i>Aureobasidium</i>	KT150707	–	KT150576	KT150597	EU755002 Dothioraceae sp. SN-2008 clone o17
mk224*	<i>Alternaria</i>	KT150708	–	–	–	HQ025969 <i>Alternaria</i> sp. 134
mk226*	<i>Phoma</i>	KT150709	–	–	–	JN207353 <i>Phoma</i> sp. P49E1
mk227*	<i>Phoma</i>	KT150710	–	–	KT150613	JN207353 <i>Phoma</i> sp. P49E1
mk228*	<i>Phoma</i>	KT150711	–	–	–	JN712494 <i>Leptosphaerulina australis</i> strain CPC 3712
mk229*	<i>Alternaria</i>	KT150712	–	–	–	HQ025969 <i>Alternaria</i> sp. 134
mk231*	<i>Phoma</i>	KT150713	KT150564	–	KT150611	JN207353 <i>Phoma</i> sp. P49E1
mk232*	<i>Alternaria</i>	KT150714	–	–	–	HQ025969 <i>Alternaria</i> sp. 134
mk233*	<i>Phoma</i>	KT150715	–	–	KT150614	JN207353 <i>Phoma</i> sp. P49E1
mk234*	<i>Phoma</i>	KT150716	KT150565	–	KT150612	JN207353 <i>Phoma</i> sp. P49E1

**Supplementary data:** Newick format of the phylogeny inferred from the complete data set of ITS, BTub1, and Ef1a

(AF115396\_Pestalotiopsis\_microspora:0.01701396732098692591,(((AY682929\_Pestalotiopsis\_clavispora:0.00000137573767576729,(mk174:0.00000137573767576729,AF409970\_Pestalotiopsis\_sydowiana:0.00000137573767576729)56:0.00000137573767576729)84:0.00000137573767576729,((HQ022660\_Pestalotiopsis\_cf\_microspora\_ROG\_2010:0.00651662621468636349,(HQ022658\_Pestalotiopsis\_cf\_microspora\_ROG\_2010:0.00000137573767576729,(JQ968611\_Pestalotiopsis\_sp\_SSNM\_2012c:0.00000137573767576729,HQ022661\_Pestalotiopsis\_cf\_microspora\_ROG\_2010:0.00000137573767576729)55:0.00000137573767576729)65:0.00053210912212837849)79:0.00602462709886905645,mk167:0.00000137573767576729)50:0.00144550214735241107)87:0.01537800547951867491,FJ975603\_Pestalotiopsis\_paeoniicola:0.00528773585259782221)91:0.03160803430946317744,(((JF311951\_Bionectria\_ochroleuca:0.00000137573767576729,JF311942\_Bionectria\_ochroleuca:0.00000137573767576729)99:0.00000137573767576729,mk088:0.00000137573767576729)100:0.16158721925212760073,(((JN899369\_Penicillium\_samsonii:0.00538603296088944767,((JF910284\_Talaromyces\_minioluteus:0.00190174429355436975,mk160:0.00000137573767576729)87:0.00525140313741205653,(GU566240\_Talaromyces\_minioluteus:0.00000137573767576729,FR670332\_Talaromyces\_minioluteus:0.00000137573767576729)84:0.00000137573767576729)56:0.00361239818023700952)100:0.08918060780997079384,(((EF175904\_Aspergillus\_niger:0.00000137573767576729,((mk135:0.00000137573767576729,((mk083:0.00000137573767576729,(((FN665393\_Aspergillus\_awamori:0.00000137573767576729,FN665396\_Aspergillus\_awamori:0.00000137573767576729)77:0.00000137573767576729,FN665395\_Aspergillus\_awamori:0.00000137573767576729)74:0.00489786846434559029,(((FR775364\_Aspergillus\_niger:0.03693442972145483810,XM\_001392399\_Aspergillus\_niger\_CBS\_513\_88:0.00000137573767576729)80:0.00287748847743232077,(FR775312\_Aspergillus\_brasiliensis:0.00872111903843313281,AM295184\_Aspergillus\_brasiliensis:0.00000137573767576729)77:0.00878827674893002675)63:0.00587911651043225396,AM295182\_Aspergillus\_brasiliensis:0.00000137573767576729)56:0.00580412294057576234)66:0.00000137855873220453)28:0.00000137573767576729,(mk084:0.00000137573767576729,mk085:0.00000137573767576729)98:0.00000137573767576729)27:0.00000137573767576729)57:0.00000137573767576729,FJ878649\_Aspergillus\_niger:0.00000137573767576729)16:0.00000137573767576729)18:0.00000137573767576729,FJ878650\_Aspergillus\_niger:0.00000137573767576729)99:0.06474953719410056485,((FJ930991\_Penicillium\_crustosum:0.01017921237449404860,JN626136\_Penicillium\_adametzii:0.01644170514957685181)93:0.01862556559011618873,(GU566250\_Penicillium\_sp\_F6:0.00000137573767576729,((GQ161752\_Penicillium\_dipodomyicola:0.00000137573767576729,(((HQ850951\_Penicillium\_chrysogenum:0.00601648917969995790,HQ850937\_Penicillium\_chrysogenum:0.00298037174238746866)61:0.00295759562000218841,XM\_002558686\_002559715\_Penicillium\_chrysogenum\_Wisconsin\_54\_1255:0.00000137573767576729)84:0.01075665381196534882,mk094:0.00000137573767576729)64:0.00000137573767576729)19:0.00000137573767576729,EF105368\_Penicillium\_sp\_PC6:0.00000137573767576729)20:0.00000137573767576729)75:0.00408575472261389280)100:0.05793426144539391004)86:0.02675114427029451694)98:0.06675302137239952360,(((EF060650\_Montagnulaceae\_sp\_LM330:0.00000137573767576729,EF060606\_Montagnulaceae\_sp\_LM277:0.01069581743445851586)99:0.06074413856199478712,(mk133:0.00000137573767576729,(HQ832825\_Pleosporales\_sp\_LH241:0.00000137573767576729,mk043:0.00000137573767576729)90:0.00000137573767576729)71:0.00000137573767576729)64:0.00175410789935019108,HM535381\_Montagnulaceae\_sp\_R\_2:0.00000137573767576729)100:0.23544764406540633073,(((HQ696052\_Alternaria\_sp\_zzz1740:0.03617417032998082593,((FJ755255\_Ochrocladosporium\_frigidarii:0.04042872549038570296,GU934536\_Leptosphaeria\_sp\_OTU860:0.03242230300



6729)44:0.00000137573767576729,mk226:0.00000137573767576729)10:0.00000137573767576729,mk227:0.00090  
940785007140985)12:0.00000137573767576729,mk213:0.00000137573767576729)52:0.00075323733659428502)72  
:0.00226482145064027746,mk173:0.00539399225408817694)37:0.00998399162406075902)18:0.000001375737675  
76729)7:0.00000137573767576729,JN207343\_Phoma\_sp\_P43E3:0.00000137573767576729)45:0.0000013757376757  
6729,((AY183371\_Peyronellaea\_glomerata:0.00000137573767576729,((mk097:0.00000137573767576729,(mk070:0.  
00000137573767576729,((mk089:0.00000137573767576729,(mk077:0.00000137573767576729,mk172:0.001049118  
49787756679)20:0.00000137573767576729)47:0.00272606149612248435,mk052:0.00000137573767576729)22:0.00  
000137573767576729)55:0.00000137573767576729)63:0.01130415109395372340,AY904062\_Peyronellaea\_pomoru  
m:0.00000137573767576729)12:0.00000137573767576729)37:0.00000137573767576729,((mk138:0.0000013757376  
7576729,(mk096:0.00000137573767576729,((mk071:0.00000137573767576729,mk090:0.00000137573767576729)8  
6:0.00000137573767576729,mk091:0.00000137573767576729)82:0.00000137573767576729)71:0.00000137573767  
576729)97:0.00000137573767576729,mk092:0.00000137573767576729)100:0.01885144059667037339)21:0.005152  
57325668811578)23:0.00292340147286754195,((AY749023\_Phoma\_eupyrena:0.02594754492341929883,(AY749025  
\_Phoma\_herbarum:0.00298567513010877588,AY749026\_Phoma\_herbarum:0.00000137573767576729)100:0.02204  
368215179503335)60:0.00905152975289607621,(JX010732\_uncultured\_Phoma:0.00162925915354304881,(mk228:0.  
.00865561094747484272,mk175:0.00000137573767576729)81:0.00545334173056863988)48:0.00694926775565564  
425)4:0.00000137573767576729)9:0.00591021728100791892,JQ247366\_uncultured\_Phoma:0.09960628846402899  
694)18:0.00926495284008609608,(AY749030\_Phoma\_nigrificans:0.00604179654768013507,(AY749031\_Phoma\_nigri  
ficans:0.00913819472660851694,AY749029\_Phoma\_nigrificans:0.00300719003703822044)32:0.00000137573767576  
729)98:0.02033900227024179955)45:0.01157998559528098347)48:0.01433258260770291573)30:0.0092432446496  
8222063)72:0.06706690436389084464,(((FR718471\_Cladosporium\_sp\_BF129:0.00000137573767576729,JQ946406\_  
Cladosporium\_cladosporioides:0.00000137573767576729)100:0.03365651300476067698,(((JQ768319\_Cladosporium  
\_cladosporioides:0.00000137573767576729,JQ768321\_Cladosporium\_cladosporioides:0.00000137573767576729)89:  
0.00358994366668334477,(JF499836\_Cladosporium\_perangustum:0.00000137573767576729,mk137:0.00000137573  
767576729)85:0.00000137573767576729)69:0.00846027167585689834)100:0.22244314324884115197,(AK108309\_  
Oryza\_sativa\_Japonica\_Group:0.15617858250078317517,(((HM849619\_Aureobasidium\_pullulans:0.0000013757376  
7576729,(mk164:0.00225751922639428303,((mk208:0.00000137573767576729,mk223:0.00492586232264212182)7  
6:0.00000137573767576729,mk166:0.00075338947634617630)58:0.00000137573767576729)85:0.00619033740019  
291762)97:0.02061504972835427607,((mk165:0.00127170425864397301,(((APU19723\_Aureobasidium\_pullulans:0.  
04746834788594923166,((mk162:0.00000137573767576729,mk169:0.00493750706746141649)74:0.0061808727673  
4281994,(mk066\_248:0.00000137573767576729,(mk074:0.00000137573767576729,((JQ235063\_Aureobasidium\_pull  
ulans:0.00000137573767576729,(mk218:0.00000137573767576729,JQ235065\_Aureobasidium\_pullulans:0.0000013  
7573767576729,(JQ235061\_Aureobasidium\_pullulans:0.00000137573767576729,(JQ235064\_Aureobasidium\_pullula  
ns:0.00046166877789332445,(((mk216:0.00000137573767576729,(mk217:0.00000137573767576729,(mk206:0.0000  
0137573767576729,(((mk215:0.00000137573767576729,(mk102:0.00669225411988512691,mk203:0.006119062716  
95737431)20:0.00293155414315710971)4:0.00000137573767576729,mk204:0.00000137573767576729)0:0.0000013  
7573767576729,mk205:0.00000137573767576729)1:0.00000137573767576729)0:0.00000137573767576729)2:0.000  
00137573767576729)12:0.00000137573767576729,mk123:0.00180594863674153529)39:0.00000137573767576729,  
mk112:0.00000137573767576729)39:0.00228211086459451399)22:0.00130659349216016092)17:0.0007522523214

4951514)11:0.00074828326536588105)5:0.00000137573767576729)1:0.00000137573767576729,mk109:0.00000137573767576729)1:0.00000137573767576729)0:0.00075615472190115462)0:0.00433748518543490471)2:0.00627722303887871813)1:0.00348536060128754434,(mk168:0.00000137573767576729,mk086:0.00000137573767576729)91:0.00189770490443912651)2:0.00297405927505450633,mk134:0.00000137573767576729)1:0.00000137573767576729,(GU595045\_Aureobasidium\_pullulans:0.00000137573767576729,(mk081:0.00000137573767576729,mk117:0.00000137573767576729)65:0.00091428856288743661)7:0.00000137573767576729)15:0.00328246668042105495)34:0.00591592052897319757,JN942830\_Aureobasidium\_pullulans:0.00000137573767576729)42:0.00616366838476468514)50:0.00097500103878866366,(FN665416\_Aureobasidium\_sp\_RBSS\_303:0.01818981107985099752,mk207:0.00562092970859279489)76:0.00609469977327120951)96:0.04227309567755983127,(AY843142\_fungal\_sp\_TRN444:0.03374147462508296502,(mk136:0.00000137573767576729,AY843045\_Stigmina\_sp\_TRN9:0.00557290487749050132)99:0.03027120626563115438)94:0.04743496185772287654)69:0.01239419681285081759)72:0.02768000191758984013)78:0.03760470423888674640)71:0.02462577712953481490)47:0.03322143518338218499,X96614\_Podospora\_cuvicola:0.20387294407648043348)76:0.02195462586735869026)94:0.04761309086451893241)80:0.01875617760670830747,DQ368620\_Apiospora\_setosa:0.00000137573767576729)