

Supplemental Table 1. Accession numbers for *Fusarium* and *Waitea* isolates from this study and reference strains from National Center for Biotechnology Information (NCBI) used in phylogenetic analysis.

Isolate_ID	Organism	<i>Forma specialis</i>	GenBank accession number	Isolate_Origin
FO7_7F1	<i>Fusarium oxysporum</i>		OR355479	This study
FO1_1C1	<i>Fusarium oxysporum</i>		OR355470	This study
FO3_2F2	<i>Fusarium oxysporum</i>		OR355471	This study
FO8_5F1	<i>Fusarium oxysporum</i>		OR355478	This study
FO2_2F11B	<i>Fusarium oxysporum</i>		OR355473	This study
FO4_3C2	<i>Fusarium oxysporum</i>		OR355475	This study
FO5_3D1	<i>Fusarium oxysporum</i>		OR355477	This study
FO4_3C21	<i>Fusarium oxysporum</i>		OR355476	This study
FO6_3C1	<i>Fusarium oxysporum</i>		OR355474	This study
FO9_2F11A	<i>Fusarium oxysporum</i>		OR355472	This study
FS1_8C1	<i>Fusarium solani</i>		OR355480	This study
Wc_4F2A	<i>Waitea circinata</i>		OR355481	This study
Wc_4F2B	<i>Waitea circinata</i>		OR355482	This study
NRRL 54218	<i>Fusarium acuminatum</i>		HM068336.1	Reference
BRIP39299	<i>Fusarium oxysporum</i>	<i>zingiberi</i>	KX434990.1	Reference
DB18AGO01	<i>Fusarium oxysporum</i>	<i>opuntiarum</i>	MT450441.1	Reference
BRIP28044	<i>Fusarium oxysporum</i>	<i>passiflorae</i>	KX434989.1	Reference
BRIP5189	<i>Fusarium oxysporum</i>	<i>medicaginis</i>	KX434987.1	Reference
PD01504750896	<i>Fusarium oxysporum</i>	<i>lactucae</i>	MN837486.1	Reference
CBS 220.49	<i>Fusarium oxysporum</i>	<i>rhois</i>	MN837484.1	Reference
CBS 242.59	<i>Fusarium oxysporum</i>	<i>tulipae</i>	MN837485.1	Reference
F11	<i>Fusarium oxysporum</i>	<i>cumini</i>	LT841210.1	Reference
GR_FOA168	<i>Fusarium oxysporum</i>	<i>asparagi</i>	MT305135.1	Reference
FRCKSU17	<i>Fusarium oxysporum</i>	<i>radicis-cucmerinum</i>	MW449833.1	Reference
CAV3484	<i>Fusarium oxysporum</i>	<i>cubense</i>	MT179437.1	Reference
RBH3	<i>Fusarium oxysporum</i>	<i>vasinfectum</i>	MK138387.1	Reference
NTP-Dc36955	<i>Fusarium oxysporum</i>	<i>niveum</i>	KX434988.1	Reference
CAV3130	<i>Fusarium oxysporum</i>	<i>cubense</i>	MT179443.1	Reference
44	<i>Fusarium oxysporum</i>	<i>koae</i>	MT680373.1	Reference
166	<i>Fusarium oxysporum</i>	<i>koae</i>	MT680369.1	Reference
CAV3128	<i>Fusarium oxysporum</i>	<i>cubense</i>	MT179444.1	Reference
GR_FOA230	<i>Fusarium oxysporum</i>	<i>asparagi</i>	MT305137.1	Reference
	<i>Fusarium oxysporum</i>	<i>dianthi</i>	LT841224.1	Reference
BRIP53860	<i>Fusarium oxysporum</i>	<i>fragariae</i>	KX434986.1	Reference
CAV	<i>Fusarium oxysporum</i>	<i>cubense</i>	MT179435.1	Reference
MA_FOA24	<i>Fusarium oxysporum</i>	<i>asparagi</i>	MT568978.1	Reference
KARE233	<i>Fusarium solani</i>		MK077077.1	Reference
KARE221	<i>Fusarium solani</i>		MK077080.1	Reference
BMU 03270	<i>Fusarium solani</i>		MW832147.1	Reference
JZB3110248	<i>Fusarium solani</i>		ON868401.1	Reference
KARE398	<i>Fusarium solani</i>		MK077078.1	Reference

XG1 bai	<i>Fusarium solani</i>	MZ504912.1	Reference
NsPed1	<i>Fusarium solani</i>	MW002686.1	Reference
CHS8	<i>Fusarium solani</i>	MZ357325.1	Reference
TNM31R	<i>Fusarium solani</i>	MZ357338.1	Reference
