

Table S3: List of database and sequenced fungal genomes investigated in this study.

Database source	Species name	Strain	Reference
NCBI	<i>F. circinatum</i>	FSP34	Wingfield <i>et al.</i> 2012
NCBI	<i>F. temperatum</i>	CMWF389	Wingfield <i>et al.</i> 2015
NCBI	<i>F. mangiferae</i>	MRC7560	Niehaus <i>et al.</i> 2017
JGI ^a	<i>F. fujikuroi</i>	IMI 58289	Weimann <i>et al.</i> 2013
NCBI	<i>F. verticillioides</i>	7600	Cuomo <i>et al.</i> 2007
JGI ^a	<i>F. oxysporum</i> f. sp. <i>lycopersici</i>	4287, race 2, VCG 0030	Ma <i>et al.</i> 2011
NCBI	<i>F. graminearum</i>	PH-1, NRRL 31084	Cuomo <i>et al.</i> 2007
JGI ^a	<i>F. solani</i>	Mating Population VI (MPVI) 77-13-4	Coleman <i>et al.</i> 2009

^a JGI, Joint Genome Institute (<http://genome.jgi.doe.gov/programs/fungi/index.jsf>) (Grigoriev *et al.* 2013)