

Supplementary Table 1

Table S1. *Cryphonectria parasitica* strains used in this study. *vic* genotypes and cross designations from (Cortesi and Milgroom, 1998).

Strain	MAT	<i>vic</i> genotype	EU type	Origin
<i>EP155</i>	2	2211-22	EU5	ATCC#38755
<i>P74-3</i>	2	2221-22	EU60	P1-11 × P50-16
<i>P78-8</i>	1	2221-22	EU64	P50-4 × P74-7
<i>P1-5</i>	1	1211-22	EU31	PC17 × PC7
<i>P1-6</i>	1	2111-22	EU6	PC17 × PC7
<i>P4-4</i>	1	2212-22	EU1	VO54 × PC7
<i>P5-1</i>	1	2212-22	EU1	VO54 × VO64
<i>MJ1-3-20</i>	1	2211-12	EU21	P17-8 × JA17
<i>P24-33</i>	1	2211-21	EU18	P4-4 × SA26

Supplementary Table 2

Table S2. Primers used for RT-qPCR.

¹ CpID – protein IDs provided for primers which were designed in this study based on EP155 sequence from JGI *C.*

Primer names	CpID ¹	Sequence (5' - 3')	Reference
Reference genes			
18S-F	101864	ATAACAGGTCTGTGATGCCCTTAGA	(Parsley et al., 2002)
18S-R		CAGGGACGTAATCAACGCAAG	
gpd1-RTQ2-F		GCCTACATGCTCAAGTATGACTC	This study
gpd1-RTQ-R		AAGACACCAGTGGACTCGACAAT	
Mating genes			
Mf2-1 RTQ - F	85578	AATGCCTTCCAACACCCAGAC	This study
Mf2-1 RTQ - R		GCTCTTATGGCGTGGGCTG	
Mf1-1 RTQ - F	333020	CCTGAGGCTTGGTGTCTCTT	
Mf1-1 RTQ - R		GAACTCAGGAGGCTCCGAG	
MAT-1 RTQ - F		ATCTTGCTGGCACCATCTGT	
MAT-1 RTQ - R		CATTCTCGAGGGGCAGTCCA	
MAT-2 RTQ-F	44005	GGTCGAAGCAGGAGTGGAA	
MAT-2 RTQ-R		CGACCCCTTCACTGGAGCTTAC	
cpVIB1-RTQ-F	67224	CCATCGTCCCTACCGCTCA	
cpVIB1-RTQ-B		TTCTCCCTCTCTACCGCTTG	
HET domain genes			
dev3a-RTQ-F	261856	GCACCCCAATTTTGAGTTCTCC	This study
dev3a-RTQ-R		GCACTCTCTCCATTGCCCAAG	
dev3b-RTQ-F	262887	CAGCCCAGGACATTAGAGACA	
dev3b-RTQ-R		TCGGTCCGTATAGTACAGCTC	
dev3g-RTQ-F	240373	CCATGAGAACGCCTACATGACA	
dev3g-RTQ-R		CTCCTCACGCAAATCTCGTCT	
vic1a-RTQ-F	258862	TCGCTCTGCATTATCCAGGAC	
vic1a-RTQ-R		TCTATGTCGCCATCACCAC	

parasitica genome project.