

Table S1. Fungicides used in the current study.

Fungicides				Source
Common names	Fungicide groups	Mode of action target	FRAC ^N code	
98.0% Pydiflumetofen	Respiration	SDHI (Succinate dehydrogenase inhibitors)	7	Syngenta Investment Co., Ltd., China
96.2% Tebuconazole	DMI (14 α -demethylase inhibitor)	Sterol biosynthesis in membranes	3	Sheyang Huanghai Pesticide Chemical Co. Ltd.
96.0% Fludioxonil	Phenylpyrrole	MAP/Histidine-Kinase in osmotic signal transduction	12	Hubei Jianyuan Chemical Co. Ltd.
95% Fluazinam	Respiration	Uncouplers of oxidative phosphorylation	29	Zhejiang Heben Pesticide & Chemicals Co. Ltd.
97.5% Pyraclostrobin	Respiration	Complex III: cytochrome bc ₁ (ubiquinol oxidase) at Qo site (cyp b gene)	11	Kangbaotai Fine-Chemical Co. Ltd.
95.0% difenoconazole	Sterol biosynthesis in membranes	DMI-fungicides (Demethylation inhibitions) (SBI: Class I) Azole	3	Hubei Jianyuan Chemical Co. Ltd.
98.1% Carbendazim	Methyl benzimidazole carbamate	β -tubulin assembly in mitosis	1	Haili Guixi Chemical Co. Ltd.

^NFRAC, Fungicide Resistance Action Committee.

Table S2. Primers used in the current study.

Primers	Sequences (5' to 3')	Application
FgSdhA F	AACCATATCCAACAAAAGTCCTACTC	
FgSdhA R	AACTCTTACTACAAAGGAGACGCTG	
FgSdhB F	CTAACGGAGGGATTGTACGGCATTT	
FgSdhB R	TAACCCCTCAGATCGCTTATGCCTCC	Target genes amplification
FgSdhC F	TACCAGCCCTCTTGGAGTAACGACG	
FgSdhC R	CTCGTCCAGACTCCTTCCTATATC	
FgSdhD F	AACTCTAACTACTCCAAAAGCCCT	
FgSdhD R	ATACAGATGCCGCAGTCATAAACCT	
RT-actin-F	GTCCCACCTCCAGCAAATGT	
RT-actin-R	CCCAAAGCTTAGCGTCTGTC	
RT-FgSdhA-F	AGGCTCCGCTTCATTAT	
RT-FgSdhA-R	TTCCGTACTCCTTGACTGACC	
RT-FgSdhB-F	GCCCCATCTTACTGGTGGAACT	
RT-FgSdhB-R	GTGGCAACGGTACAGACTCATT	Target genes expression
RT-FgSdhC-F	GCTCTGGCTGCTGGAATCTC	
RT-FgSdhC-R	GCTACCGAACCATGTCTGCTC	
RT-FgSdhD-F	TTGACCGTCGCTCCCTTG	
RT-FgSdhD-R	TCTCGAACTCGTACAGTCCCAC	