

Table S1. *Fusarium graminearum* strains used in this study.

Strain	Description	References
WT-VF	Wild-type <i>F. graminearum</i> (lineage 7) PH-1	Lee et al. (2014)
FgV1/PH-1	Wild-type PH-1 infected with FgV1	Lee et al. (2014)
FgV2/PH-1	Wild-type PH-1 infected with FgV2	Lee et al. (2014)
FgV3/PH-1	Wild-type PH-1 infected with FgV3	Lee et al. (2014)
$\Delta FgDICER-1$	<i>FgDICER-1</i> (FGSG_09025) gene deletion mutant in WT-VF genetic background	This study
$\Delta FgDICER-2$	<i>FgDICER-2</i> (FGSG_04408) gene deletion mutant in WT-VF genetic background	This study
$\Delta FgDICER-1/FgDICER-2$	<i>FgDICER-1</i> and <i>FgDICER-2</i> double gene deletion mutant in WT-VF genetic background	This study
$\Delta FgAGO-1$	<i>FgAGO-1</i> (FGSG_08752) gene deletion mutant in WT-VF genetic background	This study
$\Delta FgAGO-2$	<i>FgAGO-2</i> (FGSG_00348) gene deletion mutant in WT-VF genetic background	This study
$\Delta FgAGO-1/FgAGO-2$	<i>FgAGO-1</i> and <i>FgAGO-2</i> double gene deletion mutant in WT-VF genetic background	This study
$\Delta FgDICER-1/FgAGO-1$	<i>FgDICER-1</i> and <i>FgAGO-1</i> double gene deletion mutant in $\Delta FgAGO-1$ genetic background	This study
$\Delta FgDICER-2/FgAGO-1$	<i>FgDICER-2</i> and <i>FgAGO-1</i> double gene deletion mutant in $\Delta FgAGO-1$ genetic background	This study
$\Delta FgDICER-1/FgAGO-2$	<i>FgDICER-1</i> and <i>FgAGO-2</i> double gene deletion mutant in $\Delta FgAGO-2$ genetic background	This study
$\Delta FgDICER-2/FgAGO-2$	<i>FgDICER-2</i> and <i>FgAGO-2</i> double gene deletion mutant in $\Delta FgAGO-2$ genetic background	This study
$\Delta FgRdRP-1$	<i>FgRdRP-1</i> (FGSG_06504) gene deletion mutant in WT-VF genetic background	This study
$\Delta FgRdRP-4$	<i>FgRdRP-4</i> (FGSG_04619) gene deletion mutant in WT-VF genetic background	This study
<i>FgAGO-1</i> _OE	<i>FgAGO-1</i> (FGSG_08752) gene over-expression mutant in WT-VF genetic background	This study
<i>FgAGO-2</i> _OE	<i>FgAGO-2</i> (FGSG_00348) gene over-expression mutant in WT-VF genetic background	This study
<i>FgDICER-1</i> _OE	<i>FgDICER-1</i> (FGSG_09025) gene over-expression mutant in WT-VF genetic background	This study
<i>FgDICER-2</i> _OE	<i>FgDICER-2</i> (FGSG_04408) gene over-expression mutant in WT-VF genetic background	This study
<i>FgRdRP-1</i> _OE	<i>FgRdRP-1</i> (FGSG_06504) gene over-expression mutant in WT-VF genetic background	This study
<i>FgRdRP-4</i> _OE	<i>FgRdRP-4</i> (FGSG_04619) gene over-expression mutant in WT-VF genetic background	This study
<i>FgAGO-1</i> C	<i>FgAGO-1</i> gene complement mutant in $\Delta FgAGO-1$ -VF genetic background	This study
<i>FgAGO-2</i> C	<i>FgAGO-2</i> gene complement mutant in $\Delta FgAGO-2$ -VF genetic background	This study
<i>FgDICER-1</i> C	<i>FgDICER-1</i> gene complement mutant in $\Delta FgDICER-1$ -VF genetic background	This study
<i>FgDICER-2</i> C	<i>FgDICER-2</i> gene complement mutant in $\Delta FgDICER-2$ -VF genetic background	This study
<i>FgRdRP-1</i> C	<i>FgRdRp-1</i> gene complement mutant in $\Delta FgRdRP-1$ -VF genetic background	This study
<i>FgRdRP-4</i> C	<i>FgRdRp-4</i> gene complement mutant in $\Delta FgRdRP-4$ -VF genetic background	This study
GFP	GFP over-expression mutant that contained pSKGen in <i>F. graminearum</i> PH-1 strain	This study
SA	hairpin structure expression mutant in <i>F. graminearum</i> PH-1 strain	This study
GFP+SA	GFP over-expression mutant and hairpin structure expression mutant	This study

1. Lee K-M, Cho WK, Yu J, Son M, Choi H, Min K, Lee Y-W, Kim K-H. 2014. A comparison of transcriptional patterns and mycological phenotypes following infection of *Fusarium graminearum* by four mycoviruses. PLOS One 9:e100989.