

**Table S3 Phenotypes of the *Fgbni4* mutant in growth, conidiation and plant infection.**

Strain	Growth rate (mm/day) <sup>a</sup>	Conidiation ( $\times 10^4$ conidia/mL) <sup>b</sup>	Disease index <sup>c</sup>
PH-1 (WT)	10.9 $\pm$ 0.3 <sup>A*</sup>	101.7 $\pm$ 13.0 <sup>A</sup>	8.9 $\pm$ 1.3 <sup>A</sup>
FB5 ( <i>Fgbni4</i> )	10.4 $\pm$ 0.4 <sup>A</sup>	108.3 $\pm$ 19.2 <sup>A</sup>	7.7 $\pm$ 1.5 <sup>A</sup>
FBC9 ( <i>Fgbni4/FgBNI4</i> )	11.0 $\pm$ 0.2 <sup>A</sup>	99.0 $\pm$ 13.8 <sup>A</sup>	9.4 $\pm$ 1.7 <sup>A</sup>

<sup>a</sup> Average radial growth per day on PDA plates.

<sup>b</sup> Conidiation in 5-day-old CMC cultures.

<sup>c</sup> Diseased spikelets per wheat head at 14 dpi.

\* Mean and standard deviation were calculated from three independent replicates. Different letters indicate significant differences by Duncan's multiple range test (p=0.05).