

**Table.S2 Phenotypes of suppressor strains which mutations in *FgBLM10* in growth, conidiation.**

Strain	Growth rate(mm/day) <sup>a,b</sup>	Conidiation ( $\times 10^4$ conidia/mL) <sup>a,c</sup>
PH-1	9.7 $\pm$ 0.4 <sup>a</sup>	153.3 $\pm$ 62.2 <sup>a</sup>
<i>pkrr</i>	2.2 $\pm$ 0.2 <sup>g</sup>	13.7 $\pm$ 4.2 <sup>d</sup>
H4	5.7 $\pm$ 0.6 <sup>e</sup>	55.6 $\pm$ 17.5 <sup>b</sup>
H5	6.3 $\pm$ 0.4 <sup>cd</sup>	30.8 $\pm$ 17.3 <sup>c</sup>
H6	6.6 $\pm$ 0.4 <sup>bcd</sup>	2.4 $\pm$ 2.1 <sup>e</sup>
H9	6.9 $\pm$ 0.5 <sup>b</sup>	18.2 $\pm$ 12.3 <sup>cd</sup>
H10	6.7 $\pm$ 0.6 <sup>bc</sup>	23.8 $\pm$ 5.6 <sup>c</sup>
H11	6.9 $\pm$ 0.6 <sup>b</sup>	14.4 $\pm$ 10.1 <sup>d</sup>
H15	6.9 $\pm$ 0.4 <sup>b</sup>	0.8 $\pm$ 0.2 <sup>e</sup>
H21	6.8 $\pm$ 0.3 <sup>b</sup>	14.1 $\pm$ 7.7 <sup>d</sup>
H23	7.1 $\pm$ 0.2 <sup>d</sup>	0.8 $\pm$ 0.4 <sup>e</sup>
H25	6.1 $\pm$ 0.4 <sup>de</sup>	4.4 $\pm$ 2.5 <sup>e</sup>
H32	6.6 $\pm$ 0.4 <sup>bcd</sup>	2.7 $\pm$ 1.5 <sup>e</sup>
H47	4.5 $\pm$ 1.3 <sup>f</sup>	0 $\pm$ 0 <sup>f</sup>

<sup>a</sup> Standard deviation (mean  $\pm$  standard deviation) were calculated from at least three independent measurements.

<sup>b</sup> Average daily extension of colony radius.

<sup>c</sup> Conidiation was measured with 5-day-old Carboxymethylcellulose(CMC) culture.

Different letters indicate significant differences based on ANOVA analysis followed by Duncan's multiple range test ( $P = 0.05$ ) in a, b, c, d, e, f, g.