

**Table S2.** Conidial sizes and germination rate of the  $\Delta UvVEA$  and  $\Delta UvVELB$  mutants.

Strain	Conidial length ( $\mu\text{m}$ ) <sup>a</sup>	Conidial width ( $\mu\text{m}$ )	Germination rate (%) <sup>b</sup>
Jt209	7.29 $\pm$ 0.60 A	3.89 $\pm$ 0.35 A	93.28 $\pm$ 1.33 A
$\Delta UvVEA$	7.05 $\pm$ 0.23 A	3.92 $\pm$ 0.17 A	94.45 $\pm$ 2.37 A
$\Delta UvVELB$	7.02 $\pm$ 0.47 A	3.86 $\pm$ 0.24 A	94.32 $\pm$ 1.84 A

- a. The conidia sizes (length and width) were measured by microscope (50 conidia per strain).
- b. Conidia were coated on YT medium. The conidia germination rates were calculated after 24 h incubation in the dark.
- c. Data from at least three replicates were analyzed with the protected Fisher's least significant difference (LSD) test. Different letters mark statistically significant differences ( $P \leq 0.01$ ).