



**Supplementary Fig S1** The relative expression of *NtIPMS* in overexpression lines. Relative expression level of *NtIPMS* in Yunyan 87 (WT) and *NtIPMS*-OE lines determined via quantitative RT-PCR. *NtEF1a* gene was used as the internal control. Each column represents the mean  $\pm$  standard deviation.  $n = 3$ . \* and \*\* denote significant differences determined using Student's *t*-test at  $P < 0.05$  and  $P < 0.01$ , respectively.