



**Supplemental Figure S1. Relative expression of CsGSs in tea shoots.** (A) *CsGSs* expression in tea shoots. *CsGAPDH* was applied as the internal standardization. Data were denoted as means  $\pm$  SD ( $n=3$ ), statistical significance ( $p<0.05$ ) was marked with distinct letters, based on Duncan's multiple range test. (B) The correlation coefficient between the expression of *CsGSs* with theanine contents in tea shoots. \* $p < 0.05$ , \*\* $p < 0.01$ .