



Figure S4. Agronomic traits of *BnSnRK2;2*, *BnSnRK2;2T177A* and *BnSnRK2;2T177D* overexpression transgenic *Brassica napus*. (A) RT-qPCR analysis of *BnSnRK2;2* expression in 25 DAP seeds of the *BnSnRK2;2*, *BnSnRK2;2T177A* and *BnSnRK2;2T177D* overexpression transgenic lines. (B). Agronomic traits of *BnSnRK2;2*, *BnSnRK2;2T177A* and *BnSnRK2;2T177D* overexpression transgenic *Brassica napus*. More than 10 plants in each line (T3 generation) planted in the field were used for analyzing plant height, pod number per plant, seed number per pod and seed weight. Three biological replicates were performed, and means \pm SE are shown (Student's t test, *P < 0.05, **P < 0.01). WT, wild type; CK, the null transgenic lines; OSW6/9/13, *BnSnRK2;2* transgenic lines; OSA5/11/18, *BnSnRK2;2T177A* transgenic lines; OSD4/9/12, *BnSnRK2;2T177D* transgenic lines.