



Figure S5. Assay of oil and protein content in seeds of the *Bnsnrk2;2/Bnsnrk2;2c* mutant. (A) Structures of the BGK01-BnSnRK2;2 vectors (up) and CRISPR/Cas9 sgRNA targets of *BnSnRK2;2/BnSnRK2;2C* (down). The box represents the target sequences. The PAM (protospacer adjacent motif) is underlined. (B) Sequencing of the *BnSnRK2;2/BnSnRK2;2C* sites targeted by sgRNA. Red hyphens indicate deletions. (C) Protein immunoblotting analysis of BnSnRK2;2 and phosphorylation of BnLEC1 in seeds of *Bnsnrk2;2/Bnsnrk2;2c* mutant and WT. D. oil and protein content in seeds of the *Bnsnrk2;2/Bnsnrk2;2c* mutant and WT. Three biological replicates were performed. Means \pm SE are shown. WT, wild type; S1, *Bnsnrk2;2/Bnsnrk2;2c* mutant.