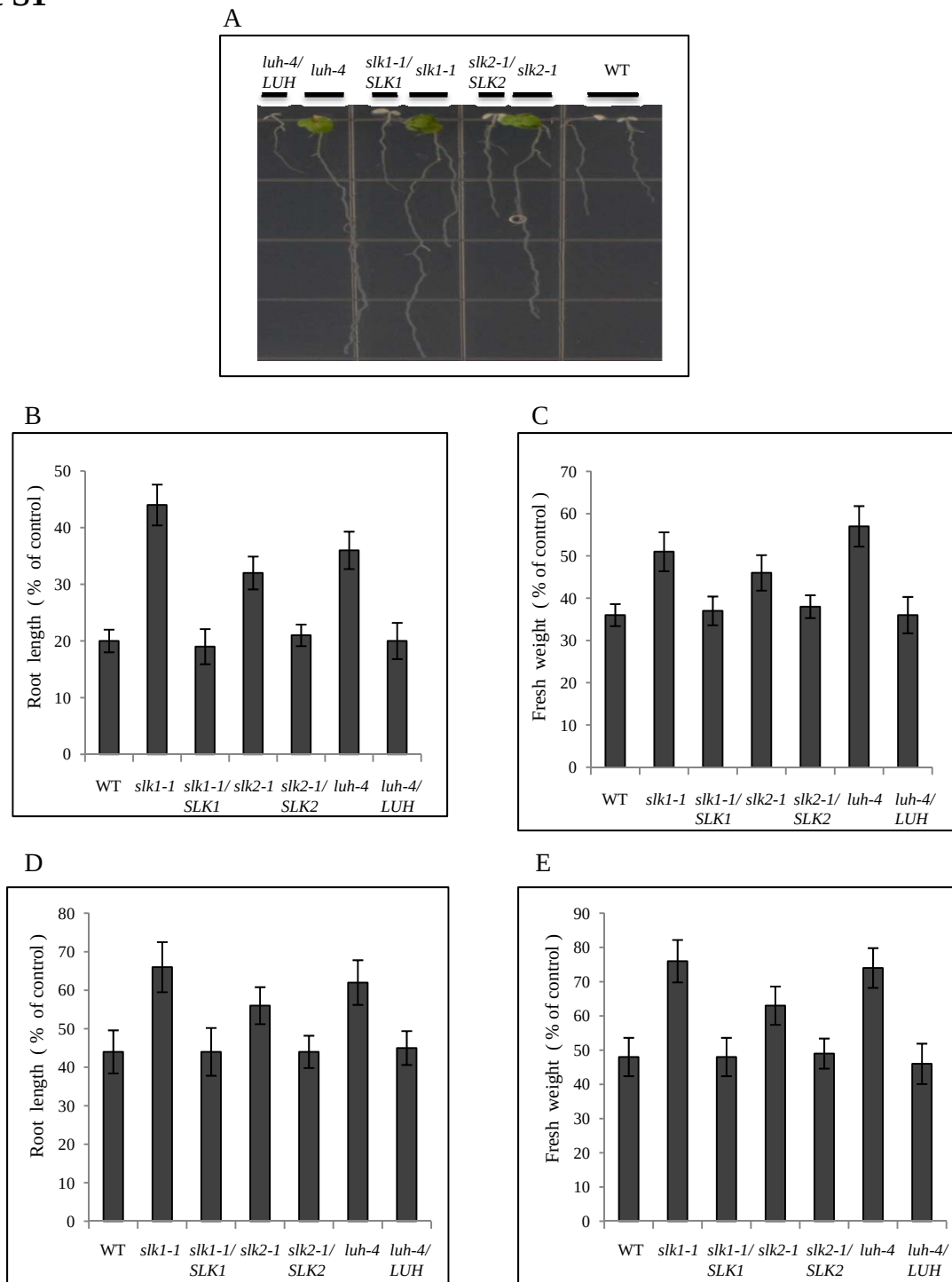


Figure S1**FIGURE S1: Complementation assay in *luh-4*, *slk1-1* and *slk2-1* mutant plants.**

(A) *SLK1*, *SLK2* and *LUH* (with its native promoter and coding sequence) were transformed into mutant plants. The single mutants and a representative homozygous line with wild type gene were grown on MS medium for six days. The plants were transferred to MS medium supplemented with 125 mM NaCl for salt stress treatment and grown in growth chamber for 15 days. (B) Root length of plants grown on MS medium with 125 mM NaCl for 15 days. (C) Fresh weight of plants grown on MS medium with 125 mM NaCl for 15 days. (D) Root length of plants grown on MS medium with 300 mM mannitol for 25 days. (E) Fresh weight of plants grown on MS medium with 300 mM mannitol for 25 days. The root length and fresh weight for salt and osmotic stress is presented as a percentage relative to plants grown on MS medium without stress treatment. Error bars are SE with 10 – 15 plants per replicate ($n = 4$). Complemented plants are denoted as *slk1-1/SLK1*, *slk2-1/SLK2* and *luh-4/LUH*.