



Figure S2. *SIGGC1* positively regulates seeds germination against saline-alkali stress in tomato.

(A) The germination phenotypes of AC, *slggc1-cr-1*, and *slggc1-cr-2* were observed without or with NaHCO₃ treatments (50 mM, 75 mM NaHCO₃, and 100 mM). 50 tomato seeds were used in each group, and all assessments were independently repeated three times. Bars = 2 cm.

(B) The seed germination rates of AC, *slggc1-cr-1*, and *slggc1-cr-2* were statistically analyzed under different treatment conditions. One-way analysis of variance and Tukey's test were employed for statistical evaluation: *P < 0.05, **P < 0.01, ***P < 0.001.