



Figure 1-figure supplement 2. Current ejection of chitosan induces stomatal closure in *Arabidopsis*. Chitosan was current ejected into the cell wall of guard cells in intact leaves via a microelectrode, by application of 1 nA positive current for 1 min. The tip of electrode was filled with 0.3 mg/ml chitosan or 10 mM MES/BTP (pH6, control), and rest with 300 mM KCl. Data are presented as average \pm SE. Col-0 control, n = 8 stomata; Col-0 chitosan, n = 8 stomata; *slah3-1* control, n = 3 stomata; *slah3-1* chitosan, n = 8 stomata. The statistical significance indicates with different characters (one-way ANOVA, Tukey's test, P < 0.05).