



Supplementary Figure S1. The effect of negative pressure infiltration on pollen tube growth and germination rate. WP (No NP): ‘Wonhwang’ pollen without negative pressure infiltration. Control: ‘Wonhwang’ pollen used for negative pressure infiltration. Empty vector: The empty vector was transformed into ‘Wonhwang’ pollen under negative pressure infiltration. The WP + GFP:GFP gene was transformed into ‘Wonhwang’ pollen through negative pressure infiltration. The QP + GFP:GFP gene was subsequently transformed into ‘Akitsuki’ pollen through negative pressure infiltration. (A) Pollen tube length. (B) Pollen germination. The pollen was cultured in vitro for 3 h. The data are presented as the means \pm standard errors. The same letter indicates no significant difference ($P > 0.05$). Different letters indicate significant differences ($P < 0.05$).