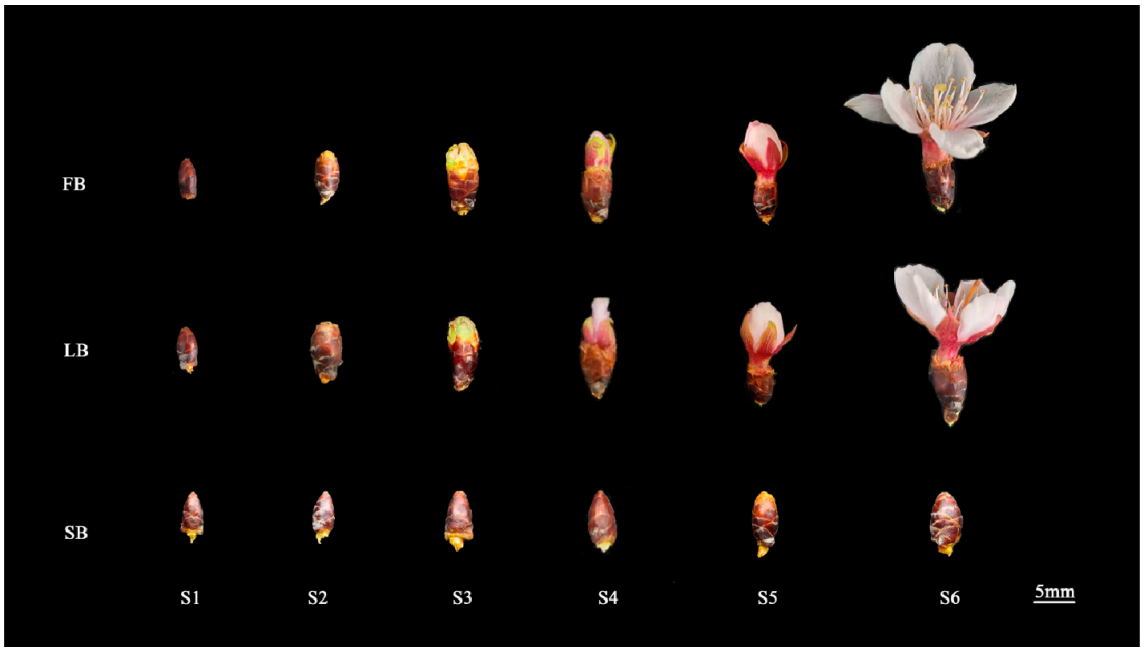


Figure S1. Schematic diagram of the developmental period (S1–S6).

Note: LB refers to flower buds formed at the tips of long branches in autumn; SB refers to flower buds formed at the base of short branches in autumn; FB refers to flower buds that bloom in spring. Sampling begins on September 1st in the autumn and on March 1st in the spring, with samples taken every 5 days for a total of 6 times. This study used six consecutive flower developmental stages of normal flowering individuals as the sampling time reference, namely S1 (flower bud pre-swelling stage), S2 (flower bud swelling stage), S3 (bud scale cracking stage), S4 (calyx emergence stage), S5 (flower bud stage), and S6 (initial blooming stage). In autumn, when normally flowering individuals reached each developmental stage, corresponding short branch basal bud samples were synchronously collected.