



Supplementary Fig. S1. The summary of reference mapping. Here we used the genome of *Papaver somniferum* and the representative transcriptome of this study. X-axis means five different *Papaver nudicaule* cultivars (i.e., white, yellow, pink, orange, and scarlet), for in three growth stages (i.e., 30, 60, and 90 days) of the developmental growth cycle, and it repeated three times.