

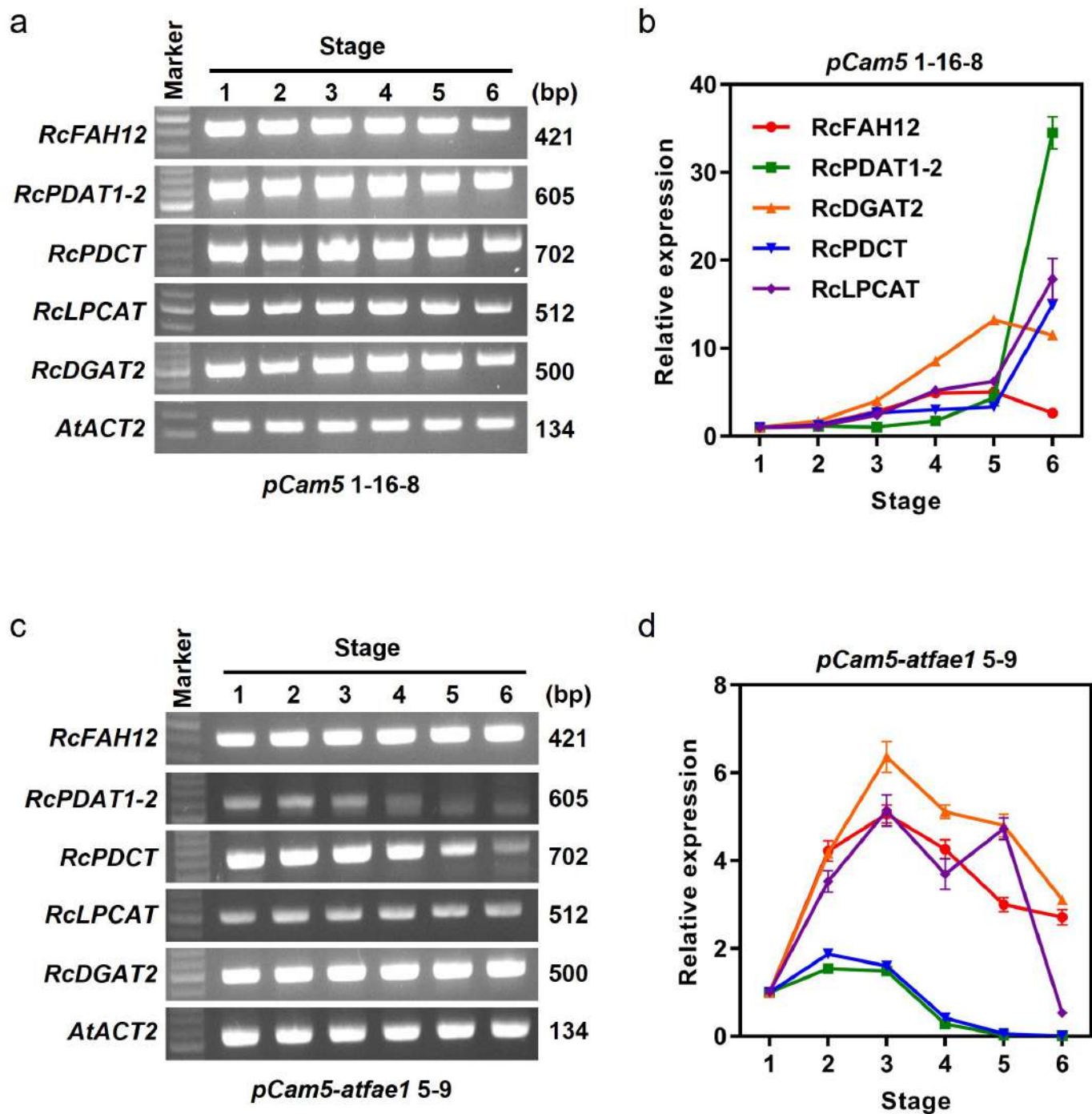


Fig S1. Expression pattern of five transgenes (*RcFAH12*, *RcPDAT1-2*, *RcPDCT*, *RcLPCAT* and *RcDGAT2*) in the developing seed in *pCam5 1-16-8* (a-b) and *pCam5-atfae1 5-9* line (c-d). *AtACT2* and *eIF4a* were used as controls for RT-PCR and RT-qPCR, respectively. *RcFAH12*, *RcPDAT1-2*, *RcPDCT*, *RcLPCAT* and *RcDGAT2* expression analyses were performed using their specific primers (Table S9). The stages were divided into 6 stages for 18 days after flowering (DAF). Stage 1: 1~3 DAF, stage 2: 4~6DAF, stage 3: 7~9 DAF, stage 4: 10~12 DAF, stage 5: 13~15 DAF, stage 6: 16~18 DAF