



**Figure 28.** Analysis transgenic plant by southern blot

- A.** *HindIII* digested  $\lambda$  DNA marker.
- B.** Southern blot analysis of the GUS gene in transgenic plants. Genomic DNA was digested with *Hind III* enzyme for plants that transformed with pITB450 (lanes 1-2) and pITB228 (lanes 3-5) and non-transformed control (lane 6). Using *uidA* probe.
- C.** Southern blot analysis of the T7 RNAP gene in transgenic plants. Genomic DNA was digested with *BglII-SalI* enzymes for plants transformed with pITB441(1), pITB450 (2-3), pITB228 (4), pCAMBIA1301 (5-6) and control plant (7). Using T7 RNA polymerase probe
- D.** Genomic DNA in transgenic plants that transformed with pITB541 was digested with *BamHI-NcoI* (lane1), *BamHI* (lane2); pITB550 digested with *BglII-HindIII* (lane 3), *BglII* (lane 4); pITB641 digested with *BamHI-NcoI* (lane 5), *BamHI* (lane 6); pITB650 digested with *HindIII-BglII* (lane 7), *BglII* (lane 8); pITB741 digested with *SmaI-NcoI* (lane 9), *SmaI* (lane 10) and pITB750 digested with *BglII-HindIII* (lane 11) ,*BglII* (lane 12). Using *uidA* probe.