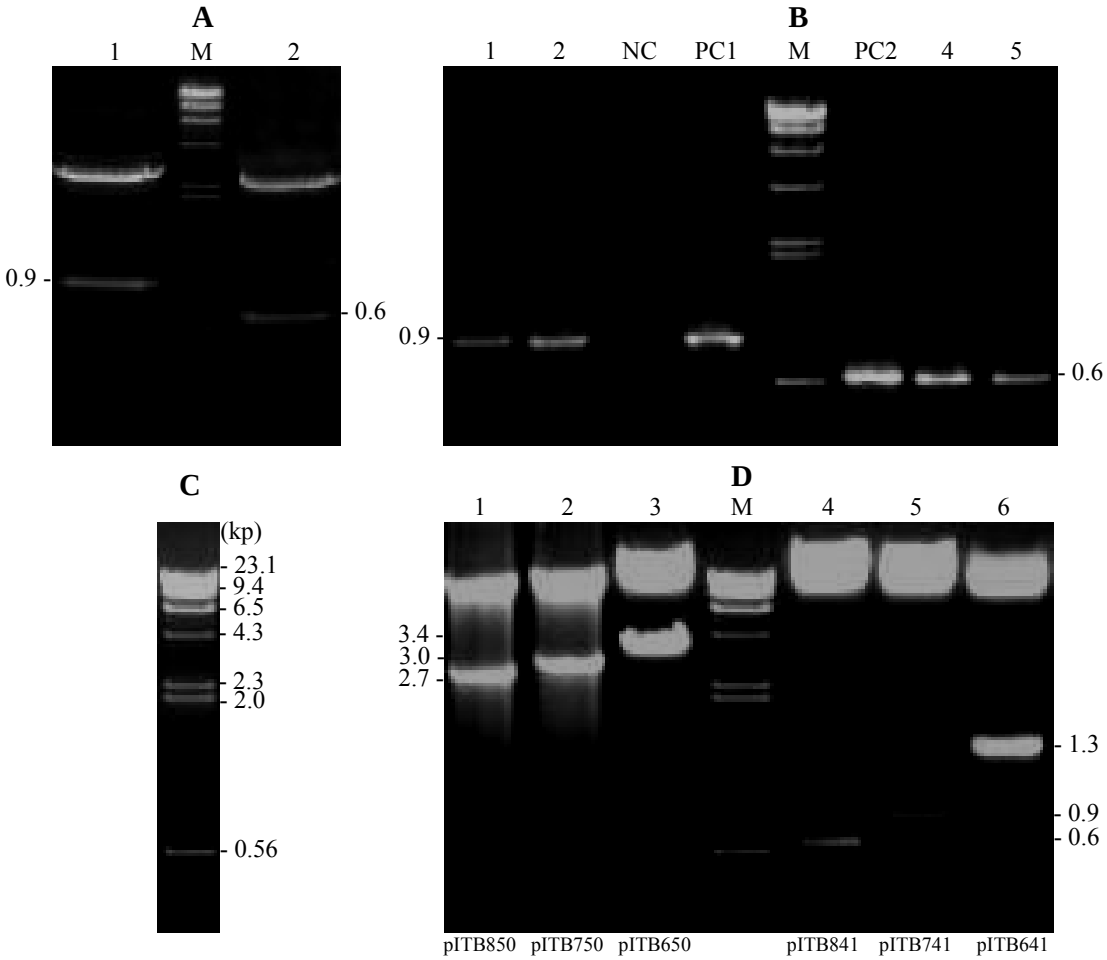

Figure 10. Restriction digestion to confirm various cloning steps in the construction of pITB741, pITB750, pITB841 and pITB850 vectors (see figure 9 for other details).

A. Digestion of pGEMT-Easy-pal1 (lane 1) and pGEMT-Easy-pal1Δ (lane 2) with *BglII-SmaI* that determined the cloning of *pal*1 and *pal*1Δ into pGEMT-Easy.

B. PCR to check replacement of *pal*1 and *pal*1Δ promoter with *kin1* promoter in pITB650 and pITB641 to create pITB750 (lane 1), pITB741 (lane 2), pITB850 (lane 4) and pITB841 (lane 5). NC: Negative control, PC1: Positive control for *pal*1, PC2: Positive control for *pal*1Δ.

C. *HindIII* digested λ DNA marker

D. Digestion of pITB850 (lane1), pITB750 (lane 2), pITB650 (lane 3), pITB841 (lane 4), pITB741 (lane 5) and pITB641 (lane 6) with *HindIII-SmaI* to confirm replacement of *pal*1 and *pal*1Δ promoter with *cor6.6* promoter in pITB650 and pITB641. Note a ~2.7 kb band in lane 1 corresponding to the size of "*pal*1 promoter:T7 promoter:*uid*A:T7 terminator", in lane 2 , a ~3.0 kb band corresponding to the size of "*pal*1Δ promoter:T7 promoter:*uid*A:T7 terminator" and in lane 3 (pITB650), a 3.4 kb band corresponding to the size of "*cor6.6* promoter:T7-promoter:*uid*A:T7 terminator". Also note the presence of 0.6 kb in pITB841 (*pal*1 promoter), 0.9 kb in pITB741 (*pal*1Δ promoter) and 1.3 kb in pITB641 (*cor6.6* promoter).