



Figure 22. Restriction analysis to confirm the cloning of pVSR327 and pITB255.

- A.** *HindIII* digested λ DNA marker.
- B.** Digestion of pCAMBIA1300 (lane 1), pCAMBIA1300-GUS (lane 2) and pVSR327 (lane 3) with *BamHI* to show that the “T7 promoter:*uidA*:T7 terminator” cassette was inserted into pVSR326mod; M: Marker
- C.** Digestion of pCAMBIA1300-GUS (lane 1), pVSR326mod (lane 2) and pVSR327 (lane 3) with *XbaI*. Release of a 3.2 kb band from pVSR327 indicates the insertion of GFP cassette.
- D.** Digestion of pCAMBIA1300-GUS (lane 1), pVSR326mod (lane 2) and pVSR327 (lane 3) with *HindIII-KpnI* released a 2.1 kb band from pCAMBIA1300-GUS, 4.0 kb band from pVSR326mod and 3.3 kb band from pVSR327, confirming the cloning of GFP cassette.
- E.** Digestion of pITB255 (lane 1) and pITB245 (lane 2) with *BamHI* released a 0.8 kb of band (ferritin gene along with T7 promoter), 2.1 kb band of of PDS promoter and 2.7 kb band corresponding to of T7 RNAP.