Figure 18. Restriction enzyme digestion and Southern analysis of plasmids that were selected from the EcoR I partial library. Lane 1: Lambda Hind III DNA standard; lane 2, 4 and 6: undigested plasmid DNA; lane 3, 5 and 7: EcoR I digestion of plasmid DNA. clr1 (sense) <--> clr2 (antisense) PCR fragment was used as probe. EcoR I digestion cut the plasmid into vector and two inserts, and only the 2 kb insert hybridized with the probe.