



**Additional file 6: Figure S5. Model of pseudo-TSDs flanking a solo LTR.** This model may explain the long homologous sequences flanking solo LTRs. In this model, a plausible preintegration site is formed via homologous recombination between genomic regions containing a solo LTR within two segmentally duplicated regions (locus A and locus B). This model may also apply to pseudo-TSDs flanking a provirus. Green and red areas are TSD sequences for proviral integration at locus A and locus B, respectively.