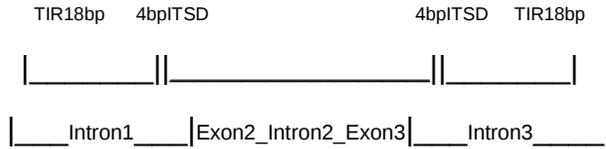


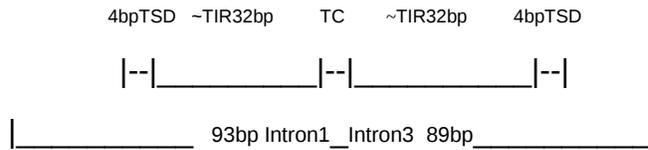
Nested Non autonomous DNA transposon

Insertion of a non autonomous DNA transposon on another non autonomous DNA transposon due to the TIR homology of internal part (18bp of 32bp)

Transposase carrying 1191bp transposon including 18bpTIR, 4bpITSD and 1147bp internal region



Insertion on the transposon of 253 length with ~32b TIR and 4p TSD



Emerging a nested non autonomous DNA Transposon of size about 1448bp. Due to the insertion of 1191bp non autonomous DNA transposon on already existing 253bp non autonomous DNA transposon, the gene now gained 2 more small exons with unknown function and one small intron that is intron2. The already existing introns-intron1 and intron 3 are enlarged in size upon the insertion of 1191bp non autonomous DNA transposon.

