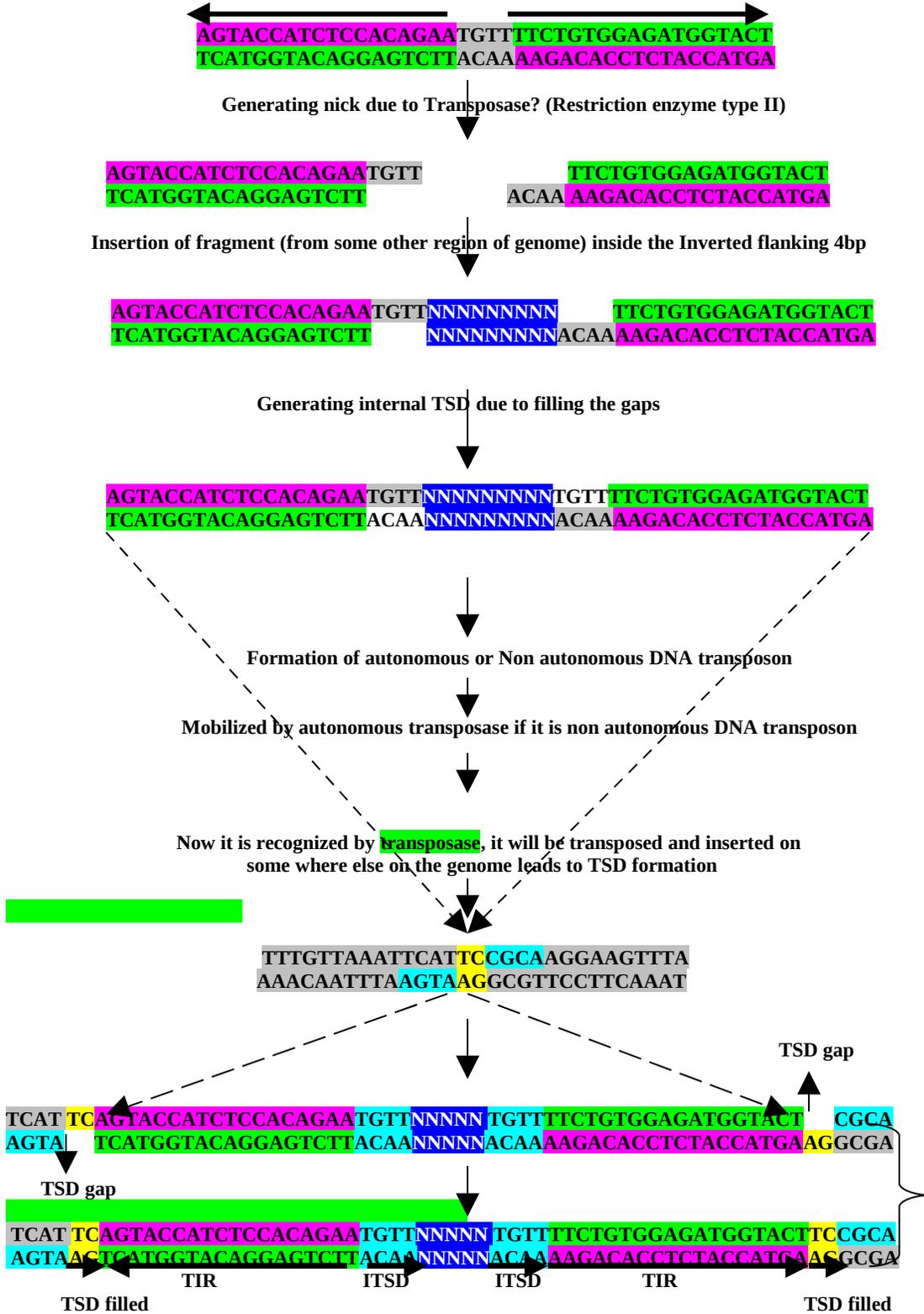


HYPOTHETICAL MECHANISM OF INTERNAL DUPLICATION FORMATION



ITSD observed both in TdDRF1 and AsDRF1 transposons, but in *Aegilops speltoides 2* mutated bases were observed at 3' end of 18bp TIR. NNNN is internal region of the transposon composed of 2 small exons and 1 small intron, ITSD-Internal Target Site Duplications, TSD-Target Site Duplications, and TIR-Terminal Inverted Repeats.