and mRNA. Both (genomic and mRNA) sequences were identical and revealed that the nucleotide sequence of those introns was imported from a non-allelic gene (termed as Bt2-like). While both sequences were identical, both were composed of two sequence populations (Bt2-like intron sequence and duplicated sequence) in the 5' of the 314bp intron. The duplicated sequence was derived from duplication of the exonic sequence from #901 to #939 within Bt2 and replacement of the original intron sequence. Those lesions are apparently responsible for the loss of function.