Figure 22. Structures of bt2-7503, Bt2 and Bt2-like in the mutational regions. A: Structures of bt2-7503 genomic DNA and mRNA in the mutational region. The structures are based on the sequence data of DNA fragments PCR amplified from bt2-7503 genomic DNA and mRNA. Note that two structures differ only in the duplicated region. The term "duplicated region" refers to the region from nucleotide #9001 to #90039 (solid block) where the sequence is identical to the exonic sequence from nucleotide #901 to #939 (solid block) of Bt2. Both sequences exist in the bt2-7503 genomic DNA and in mRNA. Arrows at the bottom show the strategy of sequencing used. B: Structure of Bt2 in the mutational region. C: Structure of Bt2-like in the region corresponding to the mutational region. Open block: exon sequence; spotted bar: intron sequence in bt2-7503 or Bt2-like; hatched bar: intron sequence in Bt2; solid line: sequence of bt2-7503 or Bt2 in the non-mutational region; wavy line: sequence of Bt2-like in the region corresponding to the non-mutational region. Duplicated sequences are distinguished for illustrative purpose by solid block. Numbers above the blocks indicate nucleotide positions within the coding sequence.