Figure S5 DNA sequence of the 5,463-bp insertion in the dominant Vrn-B1 allele carried by PI 94749. The two CTCGG motifs on both ends of the insertion are shown in bold and highlighted in gray. The short inverted repeat 5'-TG...CA-3' on the ends of the long terminal repeat (LTR) is highlighted in green, and LTR is shown in red. The motifs primer binding site (PBS) and polypurine tract (PPT) are underlined but highlighted in light blue and purple, respectively. For sequence annotation of the insertion that predicted by computer program GenScan at GeniusNet, the start codon (ATG) and stop codon (TAG) are shown in red with yellow highlight, and an open reading frame is highlighted in gray. The 1,231 amino acids encoded by the deduced coding
region are shown in Figure S6. The sequence data of the insertion has been deposited with the GenBank Data Libraries under accession number HQ186251.