Supplementary Figure 12. The sequencing and sequences analysis of different transgenic lines of NtPVY. TA clones of L8, L12 and L22 were constructed with primers of PVY-F/PVY-R. M13 was the sequencing primer; the sequences of wild type PVY and transgenic mutant lines (A), the blue marked CGG was the PAM, the * indicated deletion sequence; sequencing chromatograms (B). The yellow boxes marked sequences was the PAM (CGG/CCG). At least twenty bacteria clones were used for sequencing to each putative transgenic plant.