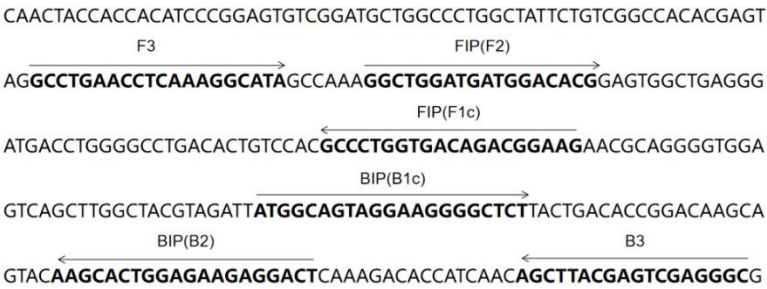
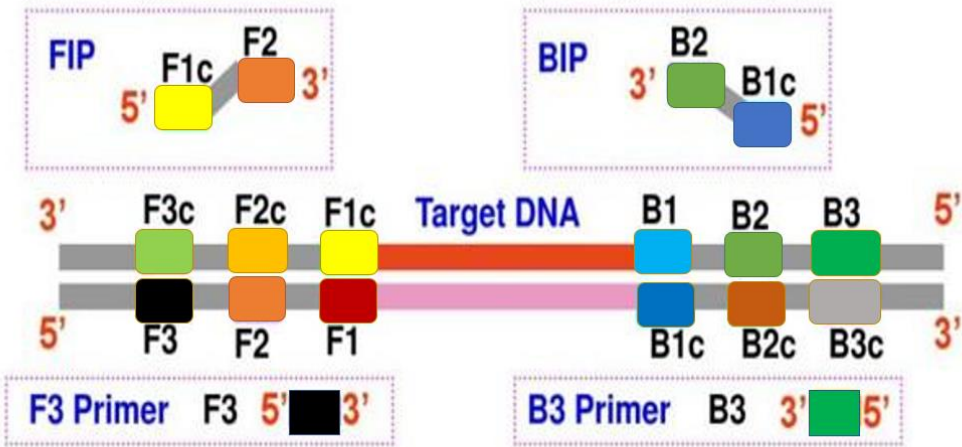


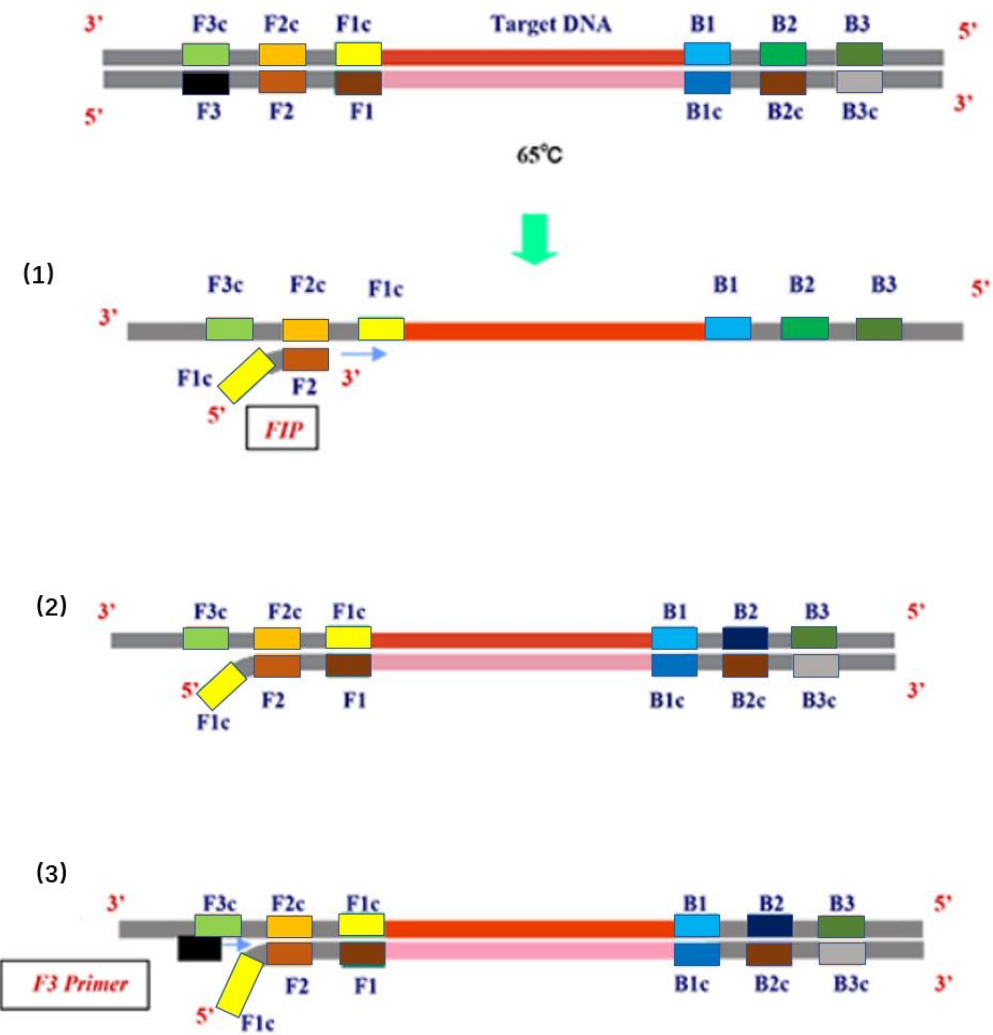
**Supplement 1: Schematic representation of position and sequence of primer sets within the nucleotide sequence of the genome S1 segmentsequence of ALSV strain NE-TH4 (GenBank Accession no. ON408067.1) used for LAMP assay.**

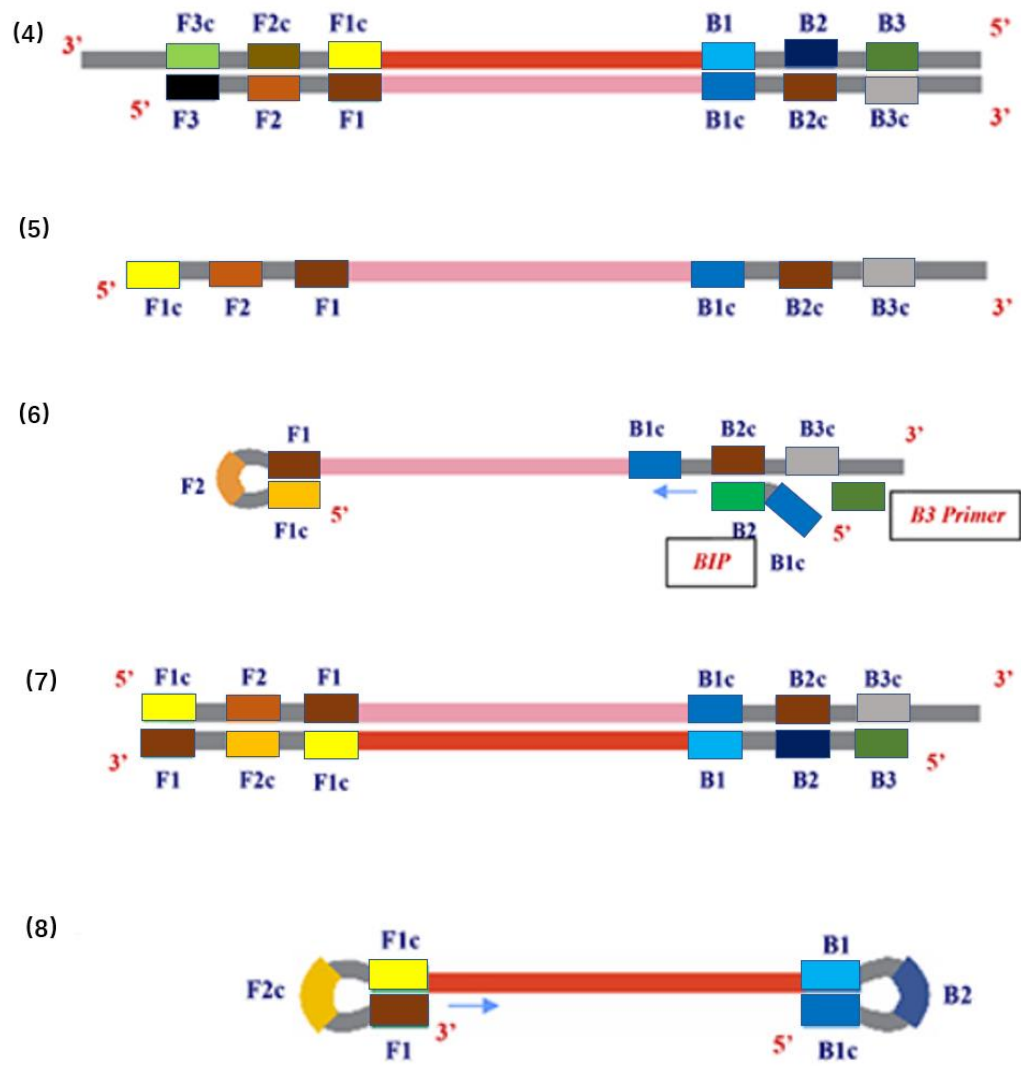


**Supplement 2: Schematic flow chart of Loop-Mediated Isothermal Amplification**  
The principle of LAMP primers



The formation process of dumbbell formwork structure





The phase of circle amplification

