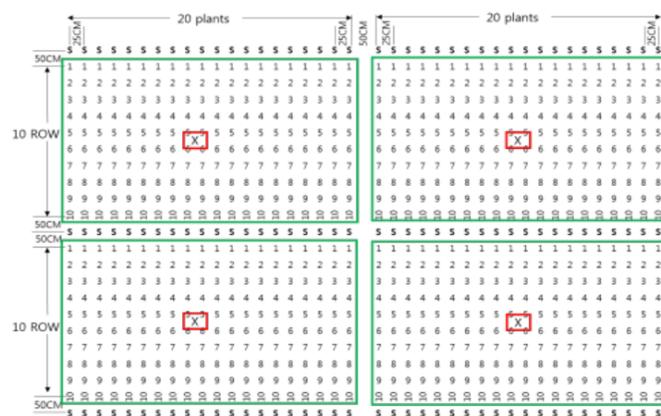
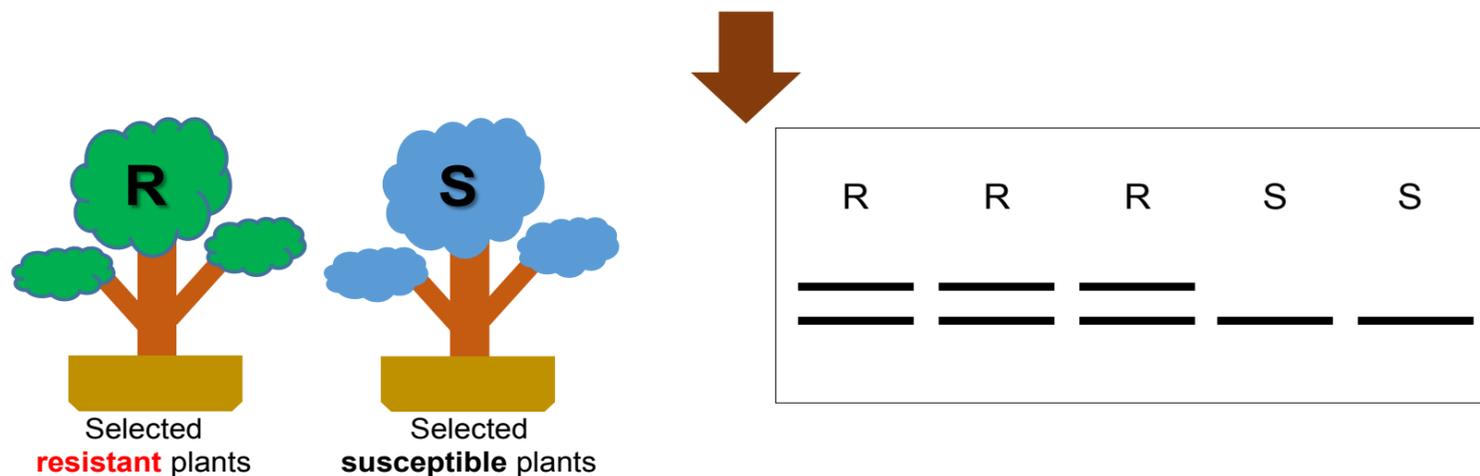


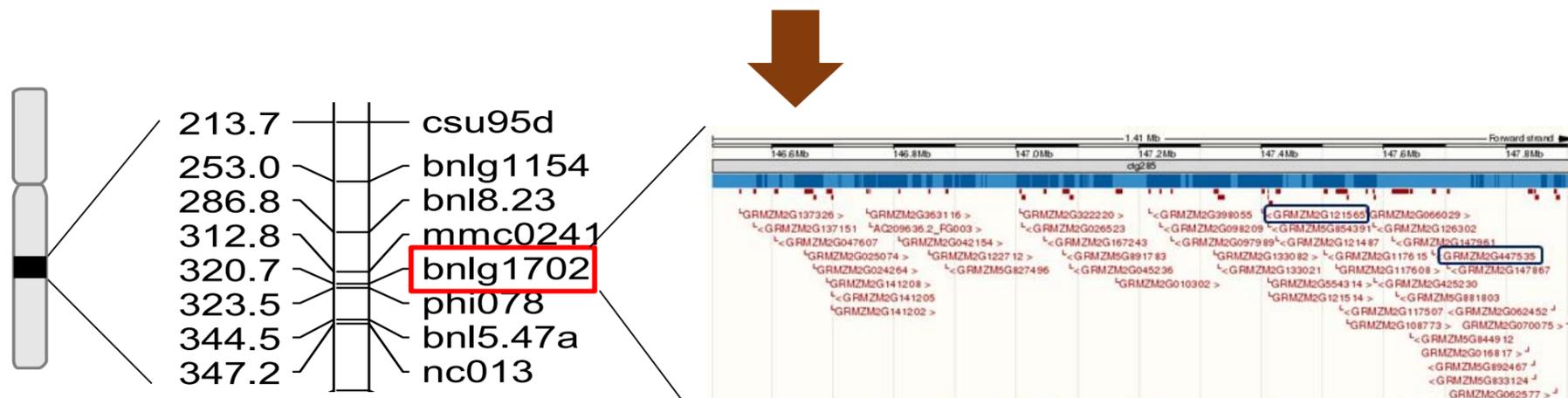
APPENDIX S9. Overview of combined protocol for positional cloning, bioinformatics analysis, and quantitative RT-PCR.



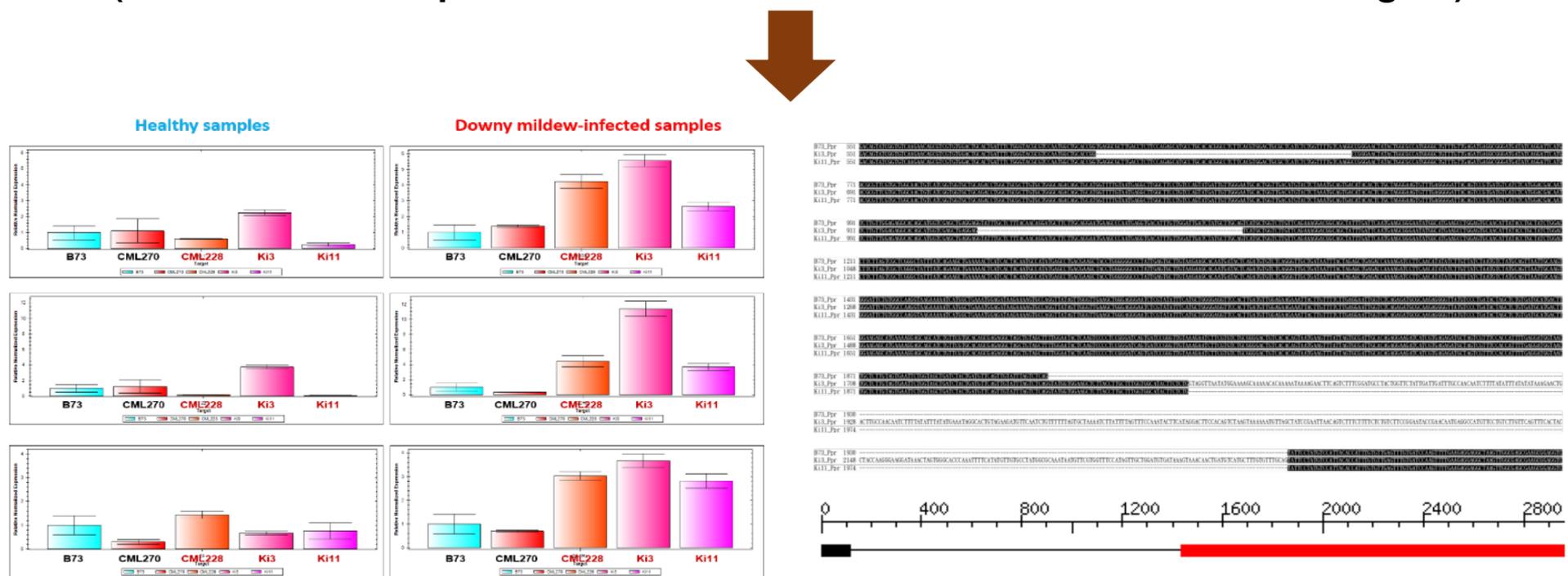
DM-resistant plant selection using the spreader row technique in the field.



QTL screening with selected plants



Positional cloning to find DM-resistance region without fine mapping, using bioinformatics analysis to obtain genetic and sequence information. (Predicted transcripts were obtained from the selected DM-resistance region)



Expression verification and identification of DM-resistance gene candidates by qRT-PCR