



Pyramiding and evaluation of segregating lines containing lectin and protease inhibitor genes for aphid resistance in *Brassica juncea*

Deepanshu Jayaswal^{1,2}, Pawan Mainkar¹, Kuldeep Kumar^{1,3}, Yamini Agarwal¹, Ratna Prabha⁴,
Vinay Kalia⁵ & Rekha Kansal^{1*}

¹ICAR-National Institute for Plant Biotechnology, New Delhi-110 012, Delhi, India

²ICAR-Indian Institute of Seed Science, Mau-275 103, Uttar Pradesh, India

³ICAR-Indian Institute of Pulse Research, Kanpur-208 024, Uttar Pradesh, India

⁴ICAR-Indian Agricultural Statistics Research Institute, New Delhi-110 012, Delhi, India

⁵ICAR-Indian Agricultural Research Institute, Division of Entomology, New Delhi-110 012, Delhi, India

Received 13 April 2022; revised 26 July 2022

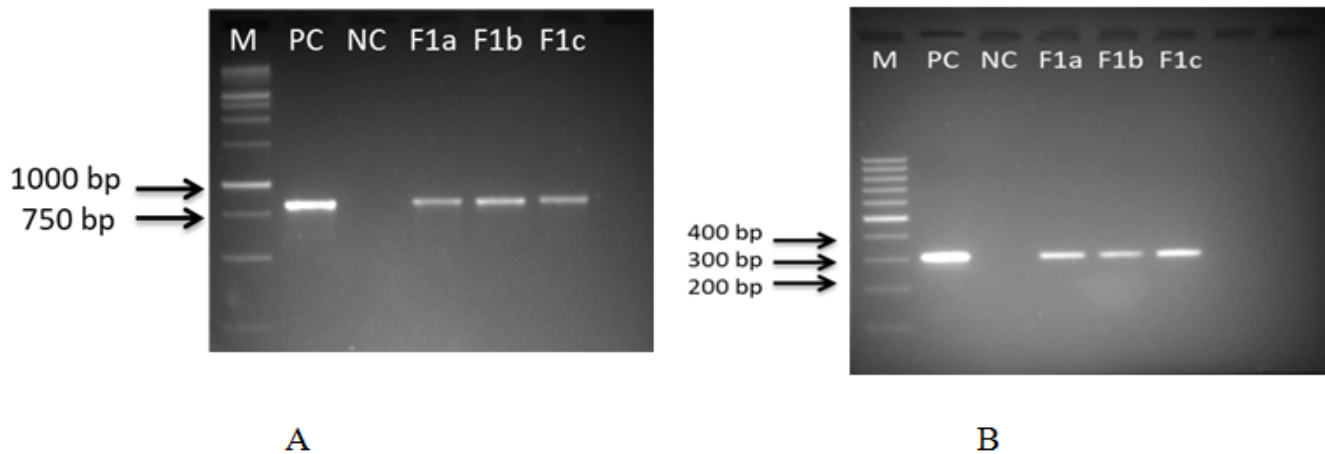


Fig. S1 — Agarose gel electrophoresis of PCR products showing the presence of (A) CHPL; and (B) UPI gene, amplified from genomic DNA of true hybrid F₁ plants. (2A) Lane M-1 Kb DNA ladder; and (2B) 100 bp DNA ladder, PC represents Positive control, and NC represents Negative control, while F1a-c are true hybrids used for generation advancement