

Table S9. List of molecular markers designed for each resistance gene. The primer sequences, restriction enzymes and references are also reported.

Gene	Marker	Primer pair	Enzyme	Reference
<i>Mi-1.2</i>	<i>Mi1.2_SCAR</i>	FW - TGGAAAAATGTTGAATTTCTTTTG RV - GCATACTATATGGCTTGTTTAC	-	<i>Santos et al., 2020</i>
<i>Ph-3</i>	<i>Ph3_CAPS</i>	FW - TCGATCGTATGTAGACGATG RV - AGGCAAATCTTGAAGAAGCA	<i>MspI</i>	<i>Jung et al. 2015</i>
<i>Sw-5</i>	<i>Sw5_dCAPS</i>	FW - GACGTTGTCCCAATTGTAGGC RV - CCACTTCTTCAAGTCGAGTTG	<i>Hpy188I</i>	-
<i>Tm-2</i>	<i>Tm-2S_SCAR</i>	FW - TATCAACATGTCGCCCTGTGC RV - AACTGTCTACCATAAAGCAGAC	-	-
<i>Tm-2</i>	<i>Tm-2R_SCAR</i>	FW - GTTATCAATATTTAGCCCTGTGC RV - AACGGTCTACCGTAAAGTTGGC	-	-
<i>Ty-3</i>	<i>Ty-3_CAPS</i>	FW - TCTCAGGTGATGCTGAGCAC RV - GAGAACGAAAACGAAATTTCAAAC	<i>RsaI</i>	<i>Kim et al. 2020</i>
<i>Ve-1</i>	<i>Ve-1_Nested</i>	FW - TTCTATCCCATATTTTCGACTG RV - CATTGAGTTTATTGTTCCCAAG	-	-
<i>Ve-1</i>	<i>Ve-1_dCAPS</i>	FW - CAAGACTGGAGCTTTCTTACACT RV - CGTACTCCAGCTGATTGAATG	<i>DdeI</i>	-