

Table 4 Molecular detection of powdery mildew resistance genes

Gene	Marker	Emai170	Yumai47	Jimai19	Reference
<i>Pm2</i>	Whs350	+	+	+	Molher and Jahoor, 1996
<i>Pm8</i>	IAG95	+	+	-	Molher and Jahoor, 2001
<i>Pm12</i>	Xcau108	-	-	-	Wang, 2004
<i>Pm16</i>	Xbarc004	+	-	-	Chen et al., 2005
<i>Pm21</i>	Pm21	+	+	+	Liu et al., 1999
<i>Pm24</i>	Xgwm337	-	-	-	Huang et al., 2000
<i>Pm30</i>	Xgwm159	-	-	-	Alam et al., 2011
<i>Pm31</i>	Xpsp3071	+	+	-	Xie et al., 2004
<i>Pm32</i>	Xgwm408	-	+	-	Hsam et al., 2003
<i>Pm33</i>	Xwmc317	+	+	+	Zhu et al., 2005
<i>Pm34</i>	Xbarc144	-	-	+	Miranda et al., 2006
<i>Pm35</i>	Xcfd7	+	+	+	Miranda et al., 2007
<i>Pm36</i>	Xwmc75	+	-	+	Blanco et al., 2008
<i>Pm43</i>	Xbarc11	-	-	-	He et al., 2009

Note: + : Target band present; - : Target band absent