

Table S1. Powdery mildew (PM) ratings of the 75 selected breeding lines across 8 years (2010-2017).

Year	$\bar{x} \pm s$	CV (%)
2010	1.70 \pm 0.75	44.12
2011	3.24 \pm 1.12	34.57
2012	2.59 \pm 0.90	34.75
2013	2.41 \pm 0.98	40.66
2014	2.27 \pm 0.95	41.85
2015	2.39 \pm 0.78	32.64
2016	2.24 \pm 0.91	40.63
2017	2.01 \pm 0.77	38.31
Mean	2.34 \pm 1.00	42.74