Table 1 Chromosome location, source, infection types[a], and test lines of leaf rust resistance genes *Lr35–Lr45*

Gene	Chromosome location	Source	Seedling infection type	Test line
Lr35	2B	*Triticum speltoides*	Adult-plant resistance	RL 6082
Lr36	6BS	*Triticum speltoides*	;1	2-9-2 E84018
Lr37	2AS	*Triticum ventricosa*	Adult-plant resistance[b]	RL 6081
Lr38	6DL	*Agropyron intermedium*	;	RL 6097
Lr39[c]	1DS	*Triticum tauschii*	;12[d]	—
Lr40[c]	1DS	*Triticum tauschii*	;12	—
Lr41	1D	*Triticum tauschii*	0;	KS90WGRC10
Lr42	1D	*Triticum tauschii*	;1−	KS92WGRC11
Lr43	7D	*Triticum tauschii*	0;	KS92WGRC16
Lr44	1B	*Triticum aestivum* spelta	;−3c	RL 6147
Lr45	2A	*Secale cereale*	;12	RL 6144 ST-1

[a] Infection type scale:

0 = no uredinia or flecks visible
0; = very faint hypersensitive flecks
; = hypersensitive flecks
1 = small uredinia surrounded by necrosis
2 = small uredinia surrounded by chlorosis
3 = moderate size uredinia without chlorosis
4 = large uredinia without chlorosis
c = chlorosis
+ = slightly larger uredinia than expected for the infection type
− = slightly smaller uredinia than expected for the infection type

[b] At temperatures below 20°C, *Lr37* expresses a 2^{+}c infection type in seedlings (35).
[c] *Lr39* and *Lr40* are allelic or identical to *Lr21*.
[d] The most common infection type is listed first, followed by other infection types that were also observed.