

Microsatellite mapping of adult-plant leaf rust resistance gene *Lr22a* in wheat

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The original version of this article unfortunately contained a mistake. The presentation of Table 1 was incomplete. The correct version is given below.

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Table 1 SSR alleles on chromosome 2DS introgressed along with *Lr22a* from *Ae. tauschii* into common wheat

Locus ^a	Alleles on 2DS ^b									
	RL5271 ^c	RL5404 ^c	RL4495 ^c	BW63 ^c	ACMinto	RL6044 ^c	98B34-T4B ^c	Neepawa	Thatcher	AC Domain
BARC124	T	T	A	A	A	A	A	A	A	A
WMC111	T	T	A	A	A	A	A	A	A	A
GWM210	T	T	A	A	A	A	A	A	A	A
GWM455	T	T	T	T	T	T	T	A	A	A
GWM296	T	T	T	T	T	T	T	A	A	A
<i>Lr22a</i>	T	T	T	T	T	T	T	A	A	A
GWM261	T	T	T	T	T	A	A	A	A	A
WMC025	T	T	T	T	T	A	A	A	A	A
WMC503	T	T	T	T	T	A	A	A	A	A
WMC112	T	T	A	A	A	A	A	A	A	A
WMC470	T	T	A	A	A	A	A	A	A	A
GWM484	T	T	A	A	A	A	A	A	A	A
WMC453	T	T	A ₁	A ₁	A ₂	A ₁	A ₂	A ₁	A ₁	A ₂
GWM102	T	T	A ₂	A ₂	A ₁	A ₂	A ₂	A ₂	A ₂	A ₂
GWM515	T	T	A	A	A	A	A	A	A	A

^a GWM markers are from Röder et al. (1998); WMC markers are from Somers et al. (2004); BARC markers are from Song et al. (2005)

^b T = *Ae. tauschii* allele; A = *T. aestivum* allele; subscript numbers differentiate between alleles within the same species

^c RL5271 = *Ae. tauschii* donor of *Lr22a*; RL5404 = synthetic hexaploid from tetra-Canthatch/RL5271; RL4495 = Neepawa*6/RL5404; BW63 is derived from RL4495 and is the donor of *Lr22a* in all currently registered Canadian wheat cultivars; RL6044 = Thatcher*6/RL5404; 98B34-T4B = AC Domain*6/RL6044. Two other introgressions were detected in RL4495 but are not shown because they lack the full introgression transferred to AC Minto via BW63