

S2 Table. Primers used in this study

Primer name	Sequence (5' -> 3')	Restriction enzyme	Chromosome
WABM233735PCR	ATCTCGTGACCCAGTACCT GCTGGAACCGGCAAAATCAG	<i>Pst</i> I	4A
WABM241105PCR	TGGCCAAGCTTTCACCTCCA GTGGAAGTAACGCGGGAAGA	<i>Pst</i> I	4A
WABM229716PCR	GACGATTTGCTTTCCCGTC ACCATAAAAAGAAGGAAAAGGCT	- (SSR)	4A
WABM117400PCR	AAAGGTCGGAGGTGACAAGC GCGACTAACCGGGAATAA	- (SSR)	4A
<i>Xgwm192*</i>	GGTTTTCTTTCAGATTGCGC CGTTGTCTAATCTTGCCTTGC	- (SSR)	4A
WABM232824PCR	ACAAGCTCAAGCTGGTCCAT TGGCACAGGTGCTATTGGTA	- (Indel)	5A
<i>Xgwm291*</i>	CATCCCTACGCCACTCTGC AATGGTATCTATTCCGACCCG	- (SSR)	5A
WABM232658PCR	AAGTTCGCCTTTCACCAGT TCTGCCCTACATCTGTTGC	- (Indel)	6B
WABM242378PCR	GTAGATATATGGCATGCAAAAGCCA TTCAGATTGAATATTAGTACGCTGAAA	<i>Pst</i> I	6B
WABM233843PCR	AAAGTTCACGACAGCGGAGT AACGAGAAGATGACCCAGC	<i>Pst</i> I	6B
WABM243094PCR	ACCACAGAAAAACGCATGCC TGGGTAGTCTTTTGCTGCCT	<i>Bst</i> PI	6B
WABM214868PCR	GGGTGCCTGAACATTGATGC CCCCAAGTGCTGTCGTGTAT	- (SSR)	6B
WABM125872PCR	ACTTAGTCAACATGCCCCACA ACCTCACTGCGACATTGCT	-	6B
WABM123279PCR	CTCAAGCTGGTGGCAAGAGA GACTTTGTTTGGACGCCACC	- (Indel)	6B

*These two SSR markers have been previously described (<http://wheat.pw.usda.gov/GG3/>).