Erratum to: Haplotype diversity of stem rust resistance loci in uncharacterized wheat lines

Long-Xi Yu · Sixin Liu · James A. Anderson · Ravi P. Singh · Yue Jin ·
Jorge Dubcovsky · Gina Brown-Guidera · Sridhar Bhavani · Alexey Morgounov ·
Zhonghu He · Julio Huerta-Espino · Mark E. Sorrells

Published online: 23 February 2012
© Springer Science+Business Media B.V. 2012

Erratum to: Mol Breeding (2010) 26:667–680 DOI 10.1007/s11032-010-9403-7

The original publication of the article includes errors which are corrected below.

The marker name “gwm344” and its primers are incorrectly published in Table 1. The corrected version of Table 1 is provided for your reading.

In the “Results” section, under paragraph Sr40, “gwm344” should be replaced by “wmc344”.

In Fig. 1b (continued), header row, “gwm344” should be replaced by “wmc344”.

The online version of the original article can be found under doi:[10.1007/s11032-010-9403-7](https://doi.org/10.1007/s11032-010-9403-7).

L.-X. Yu · M. E. Sorrells (✉)
Department of Plant Breeding and Genetics,
Cornell University, Ithaca, NY 14853-1902, USA
e-mail: mes12@cornell.edu

S. Liu · J. A. Anderson
Department of Agronomy and Plant Genetics, University
of Minnesota, St. Paul, MN 55108, USA

R. P. Singh · S. Bhavani · A. Morgounov · Z. He
International Maize and Wheat Improvement Center
(CIMMYT), Apdo. Postal 6-641, 06600 Edo Mex, Mexico

Y. Jin
USDA-ARS, Cereal Disease Laboratory,
St. Paul, MN, USA

J. Dubcovsky
Department of Plant Sciences, University of California,
Davis, CA 95616, USA

G. Brown-Guidera
USDA-ARS Plant Science Research, Raleigh,
NC 27695-7620, USA

Z. He
Chinese Academy of Agriculture Science, Beijing, China

J. Huerta-Espino
Campo Experimental Valle de México INIFAP, Apdo.
Postal 10, 56230 Chapingo, Edo de México, Mexico

Table 1 Markers used for haplotyping major stem rust resistance genes and their primer sequences

<i>Sr</i> gene	Chr. interval	Marker	Forward primer	Reverse primer
<i>1A.1R</i>	1A.1R	BARC28	5'-ctccccggctagtaccaca	5'-gcggcatctttcattaacgagctagt
		SCM9	5'-tgacaaccccctttccctcgt	5'-tcatcgacgctaaggaggaccc
<i>Sr2</i>	3BS	GWM533	5'-aaggcgaaacaaacggaata	5'-gttgcttttagggaaaagcc
		BARC133	5'-agcgctcgaaaagtcag	5'-ggcaggtccaactccag
<i>Sr22</i>	7AL	CFA2123	5'-cggctttgttctcctaaacc	5'-accggccatctatgatgaag
		CFA2019	5'-gacgagctaactgcagacc	5'-ctaatcctgatcgaggat
		BARC121	5'-actgatcagcaatgcaactgaa	5'-ccggtgtctttcctaactgatg
<i>Sr24</i>	3DL	BARC71	5'-gcgcttgttctcacctgctcata	5'-gcgtatattctctgcttcttgttggtt
		Sr24#12	5'-caccggtgacatgctcgta	5'-aacaggaaatgagcaacgatgt
<i>Sr25</i>	7DL	Gb	5'-catccttggggacctc	5'-ccagctcgcatatacca
		BF145935	5'-cttcacctccaaggagtccac	5'-gcgtacctgatcaccacctgaagg
<i>Sr26</i>	6AL	Sr26#43	5'-aatcgccacattggcttct	5'-cgcaacaaaatcatgcacta
		BF518379	5'-agccgcgaaatctacttga	5'-ttaaacggacagagccacacg
<i>Sr36</i>	2BS	WMC477	5'-cgtcgaaaaccgtacactctcc	5'-gcgaaacagaatagccctgatg
		GWM271	5'-caagatcgtggagccagc	5'-agctgctagcttttgggaca
		GWM 319	5'-ggttgctgtacaagtgttcacg	5'-cgggtgctgtgtgtaatgac
		STM773	5'-aaacgccccaccacctctctc	5'-atggtttgtgtgtgtgtgtagg
<i>Sr40</i>	2BS	WMC344	5'- atttcagtctaattagcgttg	5'- aacaagaacataattaacccc
		WMC661	5'-ccaccatgggtgctaatagtgtc	5'-agctcgtaacgtaatgcaactg
		WMC474	5'-atgctattaaactagcatgtgtcg	5'-agtggaaacatcattcctggta