

**Table 4. Genotypes of barley (*Hordeum vulgare*) used for sequence analysis of *Vrs1*.**

Taxon	Allele*	Allele†	Former symbols	Name‡	Origin
<i>Two-rowed</i>					
subsp. <i>vulgare</i> convar. <i>distichon</i> var. <i>deficiens</i>	<i>Vrs1.t</i>	<i>Vrs1.t</i>	V <sup>t</sup>	cv. Debre Zeit 29 (OU E525)	Ethiopia
subsp. <i>vulgare</i> convar. <i>distichon</i> var. <i>distichon</i>	<i>Vrs1.b3</i>	<i>Vrs1.b</i>	V	cv. Aleppo (OU I027)	Syria
do.	<i>Vrs1.b3</i>	<i>Vrs1.b</i>	V	cv. Bonus (NGB 14657)	Sweden
do.	<i>Vrs1.b3</i>	<i>Vrs1.b</i>	V	cv. Chevallier (JP 15193)	UK
do.	<i>Vrs1.b3</i>	<i>Vrs1.b</i>	V	cv. Foma (NGB 14660)	Sweden
do.	<i>Vrs1.b3</i>	<i>Vrs1.b</i>	V	cv. Ghazvin 1 (OU I335)	Iran
do.	<i>Vrs1.b3</i>	<i>Vrs1.b</i>	V	cv. Golden Promise (JP 15923)	UK
do.	<i>Vrs1.b3</i>	<i>Vrs1.b</i>	V	cv. Hanna (JP 15594)	Former Czechoslovakia
do.	<i>Vrs1.b3</i>	<i>Vrs1.b</i>	V	cv. Haruna Nijo (OU J247)	Japan
do.	<i>Vrs1.b3</i>	<i>Vrs1.b</i>	V	cv. Jubilee (OU U049)	Former Czechoslovakia
do.	<i>Vrs1.b3</i>	<i>Vrs1.b</i>	V	cv. Kanto Nakate Gold (JP 15436)	Japan
do.	<i>Vrs1.b3</i>	<i>Vrs1.b</i>	V	cv. Kristina (NGB 14661)	Sweden
do.	<i>Vrs1.b3</i>	<i>Vrs1.b</i>	V	cv. Misato Golden (JP 15780)	Japan
do.	<i>Vrs1.b3</i>	<i>Vrs1.b</i>	V	cv. New Golden (JP 15718)	Japan
do.	<i>Vrs1.b3</i>	<i>Vrs1.b</i>	V	cv. Turkey 111 (OU T637)	Turkey
do.	<i>Vrs1.b2</i>	<i>Vrs1.b</i>	V	cv. Palmella Blue (OU B670)	North Africa
subsp. <i>spontaneum</i> var. <i>spontaneum</i>	<i>Vrs1.b</i>	<i>Vrs1.b</i>	V	OU H602	unknown
do.	<i>Vrs1.b</i>	<i>Vrs1.b</i>	V	OU H630	Afganistan
subsp. <i>spontaneum</i> var. <i>proskowetzii</i>	<i>Vrs1.p</i>	-	V <sup>p</sup>	OU H743	Iraq
<i>Six-rowed</i>					
subsp. <i>vulgare</i> convar. <i>vulgare</i>	<i>vrs1.a1</i>	<i>vrs1.a</i>	v	cv. Addis Ababa 3 (OU E832)	Ethiopia
do.	<i>vrs1.a1</i>	<i>vrs1.a</i>	v	cv. Adigrat 3 (OU F038)	Ethiopia
do.	<i>vrs1.a1</i>	<i>vrs1.a</i>	v	cv. Azumamugi (JP 17209)	Japan
do.	<i>vrs1.a1</i>	<i>vrs1.a</i>	v	cv. Baqubah 1 (OU I764)	Iraq
do.	<i>vrs1.a1</i>	<i>vrs1.a</i>	v	cv. Kabul 1 (OU I012)	Afganistan
do.	<i>vrs1.a1</i>	<i>vrs1.a</i>	v	cv. Morex	USA
do.	<i>vrs1.a1</i>	<i>vrs1.a</i>	v	cv. Orayio (OU U013)	Italy
do.	<i>vrs1.a1</i>	<i>vrs1.a</i>	v	cv. Soren Oomugi 19329 (JP 19026)	Former Soviet Union
do.	<i>vrs1.a1</i>	<i>vrs1.a</i>	v	cv. Tibet Violet 1 (OU C059)	China
do.	<i>vrs1.a1</i>	<i>vrs1.a</i>	v	cv. Tunis (OU B327)	Tunisia
do.	<i>vrs1.a2</i>	<i>vrs1.a</i>	v	cv. 91B16 (JP 79056)	Tunisia
do.	<i>vrs1.a2</i>	<i>vrs1.a</i>	v	cv. 92N26 (JP 79224)	Tunisia
do.	<i>vrs1.a2</i>	<i>vrs1.a</i>	v	cv. Caveda (OU U316)	Spain
do.	<i>vrs1.a2</i>	<i>vrs1.a</i>	v	cv. Dissa	Germany
do.	<i>vrs1.a2</i>	<i>vrs1.a</i>	v	cv. Valencia (OU U607)	Spain
do.	<i>vrs1.a3</i>	<i>vrs1.a</i>	v	cv. Natsudaikon Mugi (OU K735)	Korea

\*Designated in this study

†According to Lundqvist et al. (1997).

‡Sources with JP designations are maintained by the Department of Gene Bank, NIAS, Tsukuba, Ibaraki 305-8602, Japan. Sources with OU designations were obtained from the Research Institute for Bioresources, Okayama University, Kurashiki, Okayama 710-0046, Japan. Seeds of cv. Dissa were obtained from the Bioresources Research and Development Laboratories, Sapporo Breweries, Nitta, Gunma 370-0393, Japan. Seeds of cv. Morex were obtained from Dr. A. Kleinhofs, Department of Crop and Soil Sciences and School of Molecular Biosciences, Washington State University, Pullman, Washington 99164-6420, USA. Sources with NGB designations were obtained from the Nordic Gene Bank, S-230 53 Alnarp, Sweden.