

Supplementary Table S1. Provenance of the germplasm panel of cultivated six-rowed barleys genotyped with respect to the *EF-G* fragment¹

Line no. ¹	Collection no.	Locality	Alt. (m)	Topography	EF-G type
M7-13	7	50 km E of Rabat	500	plain	A
M13-8	13		520	hilly	A
M16-7	16		900	undulating	A
M23-2	23	9 km S of Fess	1150	hilly	A
M26-4	26	12 km SE of Fess	1200	hilly	A
M28-12	28	32 km S of Fess	1525	hilly	A
M29-4	29	43 km S of Fess	1825	mountaineous	A
M32-2	32	54 km S of Fess	2000	mountaineous	A
M33-6	33	57 km S of Fess	2000	mountaineous	A
M34-3	34	66 km S of Fess	2150	mountaineous	A
M44-12	44	19 km E of Fess	850	hilly	A
M46-7	46	26 km E of Fess	1020	hilly	A
M48-7	48	46 km E of Fess	1100	hilly	A
M55-1	54	71 km E of Fess	900	hilly	A
M57-2	56	90 km E of Fess	900	hilly	A
M60-6	59	6 km S of Oujda	1250	hilly	D
M64-6	63	6 km S of Oujda	1250	hilly	A
M65-19	64	11 km S of Oujda	1250	hilly	A
M69-10	68	28 km S of Oujda	1355	hilly	D
M70-1	69	33 km S of Oujda	1355	mountaineous	A
M72-3	71	40 km S of Oujda	1550	mountaineous	A
M76-4	75	66 km S of Oujda	1560	hilly	A
M77-2	76	72 km S of Oujda	1560	hilly	D
M78-16	77	82 km S of Oujda	1550	hilly	A
M79-10	78	176 km W of Oujda	950	hilly	A
M83-11	82	194 km W of Oujda	1050	hilly	A
M84-3	83	229 km W of Oujda	1350	mountaineous	A
M88-1	87	236 km W of Oujda	1580	mountaineous	A
M89-10	88	248 km W of Oujda	920	mountaineous	A
M91-9	90	271 km W of Oujda	700	plain	A
M92-6	91	272 km W of Oujda	700	plain	A
M101-10	100	173 km W of Al-Hoceima	1200	mountaineous	A
M107-16	105	199 km W of Al-Hoceima	850		A
M114-11	112	2 km SE of Tetuan	20	plain	A
M115-11	113	6 km SE of Tetuan	20	plain	A
M116-1	114	14 km SE of Tetuan	0	plain	A
M118-3	116	33 km SE of Tetuan	50	plain	A
M120-6	118	44 km SE of Tetuan	0	plain	A
M202-1	136	11 km N of Fess	950	hilly	A
M203-16	137	19 km N of Fess	980	hilly	A
M207-20	141	67 km N of Fess	500		A
M208-12	142	10 km W of Karia	420	hilly	A
M212-5	146	20 km E of Tasa	800	hilly	A
M213-10	147	40 km E of Tasa	740	plain	A
M214-4	148	42 km E of Tasa	780	plain	A

M217-17	151	134 km of Tasa	660	plain	A
M225-12	159	11 km W of Oujda	970	hilly	A
M234-2	168	72 km of Oujda	490	undulating	A
M237-15	171	27 km W of Nador	500	undulating	A
M238-12	172	9 km of Al-Hoceima	500	hilly	A
M239-2	173	12 km of Al-Hoceima	530	hilly	A
M259-4	191	3 km of Ouazzane	530	undulating	A

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1. Collection locality, as documented by the Collaborative Exploration of Wheat, Barley in Morocco, the Syrian Arab Republic, 1987.
 2. Line number, following stock purification.