

Table S3 Barley accessions used for *COM2* haplotype detection and the respective haplotype identified

Accession ID	216bp	300bp	414bp	494bp	536bp	642bp	663bp	696bp	822bp	873bp	Haplotype category
MUT2201 com2.f	G	C	C	C	G	C	C	C	A	MISSING	?
GM 1E Nudinka	G	C	C	C	G	C	C	C	A	A	I
GM713 Morex	G	C	C	C	G	C	C	C	A	A	I
GM712 Donaria	G	C	C	C	G	C	C	C	A	A	I
Haruna Nijo	G	C	C	C	G	C	C	C	A	A	I
Barke	G	C	C	C	G	C	C	C	A	A	I
3167	G	C	C	C	G	C	C	C	A	A	I
3906	G	C	C	C	G	C	C	C	A	A	I
GM 504 vulg. hybernum vikayarvi	G	C	C	C	G	C	C	C	A	A	I
GM 505 vulg. hybernum tystofte korsby	G	C	C	C	G	C	C	C	A	A	I
GM 506 vulg. parallelum montafon	G	C	C	C	G	C	C	C	A	A	I
GM 507 vulg. parallelum sechszeilige	G	C	C	C	G	C	C	C	A	A	I
GM 508 vulg. hybernum arrecife	G	C	C	C	G	C	C	C	A	A	I
GM 511 vulg. hybernum poliarnyj 14	G	C	C	C	G	C	C	C	A	A	I
GM 513 vulg. hybernum oberbrucker	G	C	C	C	G	C	C	C	A	A	I
GM 516 vulg. subviolaceum abessinien	G	C	C	C	G	C	C	C	A	A	I
GM 527 dist. nutans sarah	G	C	C	C	G	C	C	C	A	A	I
GM 528 dist. nutans loosdorfer	G	C	C	C	G	C	C	C	A	A	I
GM 529 dist. nutans proskowetz gerste	G	C	C	C	G	C	C	C	A	A	I
GM 530 dist. nutans triumf	G	C	C	C	G	C	C	C	A	A	I
GM 531 dist. nutans carbonera	G	C	C	C	G	C	C	C	A	A	I
GM 532 dist. nutans martonvasari	G	C	C	C	G	C	C	C	A	A	I
GM 533 dist. nutans saratov	G	C	C	C	G	C	C	C	A	A	I
GM 537 dist. erectum hokudai no. 1	G	C	C	C	G	C	C	C	A	A	I
GM 542 vulg. hybernum lyallpur	G	C	C	C	G	C	C	C	A	A	I
GM 543 vulg. wisconsin H42 (linie)	G	C	C	C	G	C	C	C	A	A	I
GM 550 fap1 2158 L	G	C	C	C	G	C	C	C	A	A	I
GM 558 dist. glabriectum sanalta	G	C	C	C	G	C	C	C	A	A	I
GM 561 dist. nutans pfaelzer land	G	C	C	C	G	C	C	C	A	A	I
GM 562 dist. nutans szekacs linie II	G	C	C	C	G	C	C	C	A	A	I
GM 563 dist. nutans maiamana	G	C	C	C	G	C	C	C	A	A	I
GM1050C brc1.5	G	C	C	C	G	C	A	C	A	G	II
GM1116 com2.g	G	C	C	C	G	C	A	C	A	G	II
GM1118 com2.g introg bow	G	C	C	C	G	C	A	C	A	G	II
GM570 Optic	G	C	C	C	G	C	C	C	A	G	III
GM 500 Wild agriocrithon	G	C	C	C	G	C	C	C	A	G	III
GM 518 vulg. trifurcatum aegypten	G	C	C	C	G	C	C	C	A	G	III

GM 545 fap1 ooo8a	G	C	C	C	G	C	C	C	A	G	III
GM 548 fap1 2158 B	G	C	C	C	G	C	C	C	A	G	III
GM 564 hexastichon hybernum abarik	G	C	C	C	G	C	C	C	A	G	III
GM1087 Bowman	G	A	G	G	G	C	C	T	A	G	IV
GM702 Bowman	G	A	G	G	G	C	C	T	A	G	IV
GM21 Proctor	G	A	G	G	G	C	C	T	A	G	IV
GM 569 Golden Promise	G	A	G	G	G	C	C	T	A	G	IV
BM-NIL-flo-a.5 (BW369)	G	A	G	G	G	C	C	T	A	G	IV
Igri	G	A	G	G	G	C	C	T	A	MISSING	IV
GM 502 sp11 085-50	G	A	G	G	G	C	C	T	A	G	IV
GM 503 vulg. coeleste kleine nachtgerste	G	A	G	G	G	C	C	T	A	G	IV
GM 514 vulg. hybernum estanzuela	G	A	G	G	G	C	C	T	A	G	IV
GM 515 vulg. hybernum elses	G	A	G	G	G	C	C	T	A	G	IV
GM 517 vulg. hybernum marokkanische	G	A	G	G	G	C	C	T	A	G	IV
GM 519 vulg. hybernum algerian	G	A	G	G	G	C	C	T	A	G	IV
GM 522 vulg. himalayense tibet	G	A	G	G	G	C	C	T	A	G	IV
GM 523 vulg. horsfordianum weihenstephan	G	A	G	G	G	C	C	T	A	G	IV
GM 524 dist. nudiforcatum erfurt	G	A	G	G	G	C	C	T	A	G	IV
GM 525 dist. nutans kenia	G	A	G	G	G	C	C	T	A	G	IV
GM 526 dist. nutans spratt archer	G	A	G	G	G	C	C	T	A	G	IV
GM 534 dist. nutans swannek	G	A	G	G	G	C	C	T	A	G	IV
GM 535 dist. medicum anatolien	G	A	G	G	G	C	C	T	A	G	IV
GM 536 dist. nigricans mandschurei	G	A	G	G	G	C	C	T	A	G	IV
GM 538 dist. nutans australische fruche	G	A	G	G	G	C	C	T	A	G	IV
GM 541 vulg. hybernum aegyptische	G	A	G	G	G	C	C	T	A	G	IV
GM 546 dist. nutans bannerts	G	A	G	G	G	C	C	T	A	G	IV
GM 547 fap 1 0266C	G	A	G	G	G	C	C	T	A	G	IV
GM 554 ucnw c177	G	A	G	G	G	C	C	T	A	G	IV
GM 555 npc 0006	G	A	G	G	G	C	C	T	A	G	IV
GM 556 siglah	G	A	G	G	G	C	C	T	A	G	IV
GM 557 siglah	G	A	G	G	G	C	C	T	A	G	IV
GM 560 dist. nutans agio	G	A	G	G	G	C	C	T	A	G	IV
GM 565 hexastichon hybernum chilean	G	A	G	G	G	C	C	T	A	G	IV
GM 566 MPI 2	G	A	G	G	G	C	C	T	A	G	IV
GM 501 ucnw016	T	C	G	G	A	A	C	T	G	G	V
GM 509 vulg. nigroibericum otello	T	C	G	G	A	A	C	T	G	G	V
GM 549 fap 1 2158 H	T	C	G	G	A	A	C	T	G	G	V
GM 540 deficiens steudelii abessinien	T	C	G	G	A	A	C	T	G	G	V
GM 551 deficiens erythraeum foa II	T	C	G	G	A	A	C	T	G	G	V
GM 559 deficiens deficiens fehlgerste	T	C	G	G	A	A	C	T	G	G	V

GM 539 intermedium gymnanomalum	T	C	G	G	A	C	C	T	G	G	VI
GM 510 vulg. hybernum isthmos	G	C	G	G	G	C	C	C	A	G	VII
GM 512 vulg. rikotense brant	G	C	G	G	G	C	C	C	A	G	VII
GM 520 vulg. hybernum parallelum samsun	G	C	G	G	G	C	C	C	A	G	VII
GM 521 vulg. parallelum libanon	G	C	G	G	G	C	C	C	A	G	VII
GM 544 ucnwc72a	G	C	G	G	G	C	C	C	A	G	VII
GM 552 vulg. dundar-beyi nippon	G	C	G	G	G	C	C	C	A	G	VII
GM 553 intermedium horlani arlington	G	C	G	G	G	C	C	C	A	G	VII
AP2/ERF domain	184 - 357 bp										
phylogenetically highly conserved domain	638 - 691 bp										