Supplement Table S1. Maize inbreds used in the association analysis. Maturity groups and identification number are indicated for lines phentyped in the winter season of 2005 (TL05A) and 2006 (TL06A). Further information on these inbreds available: [CIMMYT. 1998. A Complete Listing of Improved Maize Germplasm from CIMMYT. Maize Program Special Report. Mexico, D.F. ISBN: 970-648-023-4] and at [http://www.cimmyt.org/english/wps/obtain_seed/germplas.htm]

Maturity Group	pheno-typed in TL05A	pheno-typed in TL06A	used in assoc. analysis	Line #	Identification number
				Used in Association analysis; phenotyped in 2005 and 2006	
1	x	x	x	2	CML - 80
1	x	x	x	5	CML - 84
1	x	x	x	6	CML - 85
1	x	x	x	7	CML - 88
1	x	x	x	8	CML - 99
1	x	x	x	9	CML - 112
1	x	x	x	11	CML - 115
1	x	x	x	12	CML - 116
1	x	x	x	14	CML - 127
1	x	x	x	15	CML - 130
1	x	x	x	16	CML - 134
1	x	x	x	17	CML - 135
1	x	x	x	18	CML - 139
1	x	x	x	19	CML - 173
1	x	x	x	20	CML - 174
1	x	x	x	21	CML - 178
1	x	x	x	22	CML - 180
1	x	x	x	23	CML - 185
1	x	x	x	24	CML - 187
1	x	x	x	27	CML - 218
1	x	x	x	28	CML - 219
1	x	x	x	29	CML - 220
1	x	x	x	30	CML - 221
1	x	x	x	31	CML - 222
1	x	x	x	34	CML - 323
1	x	x	x	35	CML - 324
1	x	x	x	36	CML - 325
1	x	x	x	38	CML - 328
1	x	x	x	39	CML - 330
1	x	x	x	40	CML - 333
1	x	x	x	41	CML - 338
1	x	x	x	44	CML - 366
1	x	x	x	45	CML - 367
1	x	x	x	46	CML - 368
1	x	x	x	47	CML - 369

Maturity Group	pheno-typed in TL05A	pheno-typed in TL06A	used in assoc. analysis	Line #	Identification number
1	x	x	x	48	CML - 418
1	x	x	x	49	CML - 420
1	x	x	x	51	CML - 422
1	x	x	x	54	CML - 426
1	x	x	x	55	CML - 428
1	x	x	x	57	CML - 440
1	x	x	x	59	CML - 471
1	x	x	x	61	CML - 474
1	x	x	x	62	CML - 485
1	x	x	x	64	6996 BULK [COMPE 2/P43-SR/COMPE]FS# 20-1-1-B-1-B
1	x	x	x	65	DRB-F2-60-1-1-1
1	x	x	x	66	INTA-F2-192-2-1-1-1
1	x	x	x	67	DTPWC9-F115-1-4-1-1-B
1	x	x	x	68	DTPWC9-F73-2-1-1-1-B
1	x	x	x	70	DTPWC9-F16-1-4-1-1-B
1	x	x	x	71	DTPYC9-F69-3-1-1-2-B
1	x	x	x	73	DTPYC9-F143-5-4-1-2-B
1	x	x	x	74	DTPYC9-F74-1-1-1-1-B
1	x	x	x	75	DTPYC9-F134-3-1-B
1	x	x	x	76	DTPYC9-F125-2-8-1-1-B
1	x	x	x	77	DTPYC9-F13-2-1-1-1-B
1	x	x	x	78	CL-04935 (PR8549xP23C2)-5-1-3-B*14
1	x	x	x	79	CL-G1624 G16C23H173-1-2-B-3-2-B*7
1	x	x	x	80	CL-G1839 G18SeqC3-17-1-1-2-2-B*5
1	x	x	x	83	Tx114
1	x	x	x	84	(P69Qc3HC107-1-1#-4-2#-4-B-B-1-4-B-B-B-B-B X CML 193)-B-B-2-B-B-B
1	x	x	x	85	Pop. 69 Templado Amarillo QPM-B-B-B1-6-B-B-B
1	x	x	x	86	Pop. 70 Templado Amarillo Dentado QPM-B-B-B2-8-B-B-B
1	x	x	x	91	(NC258/NC300)-B-2-2-B-B
1	x	x	x	95	((B104/NC300)x(CML 415/B104))-4-2-B-B
1	x	x	x	96	((B104/NC300)x(CML285/B104))-2-3-B-B
1	x	x	x	99	(CML 326/B104)-B-9-B-B-B-B
1	x	x	x	101	(CML288/NC300)-B-9-B1-B-B-B
1	x	x	x	102	(NC300/Tx772)-B-1-B2-B-B
1	x	x	x	108	LAMA2002-46-2-B
1	x	x	x	109	LAMA2002-53-5-B
1	x	x	x	110	LAMA2002-58-4-B
1	x	x	x	111	LAMA2002-60-9-B
1	x	x	x	112	(Tx601 x B104-B/B110 x FR2128-B)-B-B-4-B-B-B
1	x	x	x	113	Pop.147-F2#132-1-1-B-2-B-B-B-B
1	x	x	x	114	P84c3BcxLLTtardAsiaxMIRT F41-2-1-2-2-B-B
1	x	x	x	115	CTS013174 / SW1(S)C11-42-1-B-B-1-3-BBBB/Nei9202-B

Maturity Group	pheno-typed in TL05A	pheno-typed in TL06A	used in assoc. analysis	Line #	Identification number
1	x	x	x	116	Nei 9008-B-B-B
1	x	x	x	117	Nei 402011-B-B-B
1	x	x	x	119	Nei 402025-B-B-B
1	x	x	x	120	Nei 402026-B-B-B
2	x	x	x	121	CML - 4
2	x	x	x	122	CML - 20
2	x	x	x	123	CML - 22
2	x	x	x	124	CML - 23
2	x	x	x	125	CML - 26
2	x	x	x	126	CML - 29
2	x	x	x	127	CML - 31
2	x	x	x	128	CML - 35
2	x	x	x	129	CML - 37
2	x	x	x	130	CML - 39
2	x	x	x	131	CML - 40
2	x	x	x	133	CML - 50
2	x	x	x	136	CML - 68
2	x	x	x	137	CML - 69
2	x	x	x	138	CML - 86
2	x	x	x	139	CML - 87
2	x	x	x	140	CML - 89
2	x	x	x	141	CML - 91
2	x	x	x	142	CML - 92
2	x	x	x	143	CML - 94
2	x	x	x	144	CML - 95
2	x	x	x	145	CML - 96
2	x	x	x	146	CML - 97
2	x	x	x	147	CML - 98
2	x	x	x	149	CML - 101
2	x	x	x	150	CML - 103
2	x	x	x	151	CML - 107
2	x	x	x	152	CML - 108
2	x	x	x	153	CML - 111
2	x	x	x	154	CML - 114
2	x	x	x	155	CML - 118
2	x	x	x	156	CML - 121
2	x	x	x	157	CML - 122
2	x	x	x	158	CML - 123
2	x	x	x	159	CML - 129
2	x	x	x	160	CML - 132
2	x	x	x	161	CML - 138
2	x	x	x	162	CML - 140

Maturity Group	phenotyped in TL05A	phenotyped in TL06A	used in assoc. analysis	Line #	Identification number
2	x	x	x	163	CML - 141
2	x	x	x	164	CML - 154
2	x	x	x	165	CML - 157
2	x	x	x	167	CML - 161
2	x	x	x	168	CML - 162
2	x	x	x	169	CML - 163
2	x	x	x	170	CML - 166
2	x	x	x	171	CML - 168
2	x	x	x	172	CML - 169
2	x	x	x	173	CML - 170
2	x	x	x	174	CML - 171
2	x	x	x	175	CML - 172
2	x	x	x	176	CML - 175
2	x	x	x	178	CML - 182
2	x	x	x	179	CML - 186
2	x	x	x	180	CML - 191
2	x	x	x	181	CML - 192
2	x	x	x	185	CML - 223
2	x	x	x	187	CML - 225
2	x	x	x	188	CML - 226
2	x	x	x	189	CML - 228
2	x	x	x	190	CML - 229
2	x	x	x	191	CML - 230
2	x	x	x	192	CML - 231
2	x	x	x	193	CML - 232
2	x	x	x	196	CML - 249
2	x	x	x	197	CML - 259
2	x	x	x	198	CML - 261
2	x	x	x	199	CML - 269
2	x	x	x	200	CML - 282
2	x	x	x	201	CML - 283
2	x	x	x	202	CML - 286
2	x	x	x	204	CML - 306
2	x	x	x	205	CML - 310
2	x	x	x	208	CML - 316
2	x	x	x	209	CML - 317
2	x	x	x	210	CML - 321
2	x	x	x	211	CML - 322
2	x	x	x	213	CML - 331
2	x	x	x	214	CML - 334
2	x	x	x	216	CML - 360
2	x	x	x	217	CML - 361

Maturity Group	pheno-typed in TL05A	pheno-typed in TL06A	used in assoc. analysis	Line #	Identification number
2	x	x	x	220	CML - 371
2	x	x	x	221	CML - 372
2	x	x	x	222	CML - 373
2	x	x	x	223	CML - 374
2	x	x	x	224	CML - 376
2	x	x	x	225	CML - 379
2	x	x	x	226	CML - 381
2	x	x	x	227	CML - 382
2	x	x	x	229	CML - 411
2	x	x	x	230	CML - 416
2	x	x	x	231	CML - 431
2	x	x	x	232	CML - 432
2	x	x	x	233	CML - 450
2	x	x	x	234	CML - 451
2	x	x	x	235	CML - 465
2	x	x	x	240	CML - 479
2	x	x	x	242	CML - 482
2	x	x	x	243	CML - 483
2	x	x	x	244	CML - 484
2	x	x	x	245	CML - 490
2	x	x	x	246	CML - 493
2	x	x	x	247	CML - 495
2	x	x	x	248	P1
2	x	x	x	249	H-16
2	x	x	x	250	DTP2WC4H255-1-2-2-BB/LATA-F2-138
2	x	x	x	252	DTPWC8F347-1-3-1-B
2	x	x	x	253	DTPWC8F324-1-1-1-#-B
2	x	x	x	254	DTPWC8F266-1-1-1-#-B
2	x	x	x	255	DTPWC9-F109-2-6-1-1-B
2	x	x	x	256	DTPWC9-F2-3-2-1-1-B
2	x	x	x	257	DTPWC9-F103-2-1-1-1-B
2	x	x	x	259	DTPYC9-F11-2-3-1-2-B
2	x	x	x	260	DTPYC9-F46-3-9-1-2-B
2	x	x	x	261	DTPYC9-F65-2-3-1-1-B
2	x	x	x	262	DTPYC9-F116-2-1-1-1-B
2	x	x	x	263	DTPYC9-F38-4-6-1-1-B
2	x	x	x	264	La Posta Seq.C0 F12-2-1-1
2	x	x	x	265	CL-02841 Ac8928-40-1-1-1-1-B
2	x	x	x	266	CL-04930 (P49C2H12-1-4xPR8549-1-1)-1-1-3-B*8
2	x	x	x	267	CL-04934 (P49C2H12-5-4xP23C2-11-1)-2-2-2-B*10
2	x	x	x	268	CL-G1632 G16C20MH44-#-3-3-1-B*5
2	x	x	x	271	CL-G2606 G26SeqC1-149-1-1-2-1-2-1-BB

Maturity Group	pheno-typed in TL05A	pheno-typed in TL06A	used in assoc. analysis	Line #	Identification number
2	x	x	x	272	CL-G2609 G26C23-75-1-1-2-1-B*5
2	x	x	x	273	CL-G2611 G26SEQF135-3-3-1-1-1-2-BB
2	x	x	x	275	CL-QRCWQ15
2	x	x	x	277	CL-SCBY03
2	x	x	x	278	CL-SPLW05 SPLC7F275-1-1-1-1-1-B-B
2	x	x	x	280	((Ko326y x Tx806)-6-1-1-1-B-B/CML161)x(Tx802/CML161))-1-B-B-B
2	x	x	x	284	((CML 408/B104)x(CML 411/B104))-1-1-B-B
2	x	x	x	285	((CML285/B104)x(CML288/NC300))-2-1-B-B
2	x	x	x	286	(CML285/NC300)-B-6-B-B-B-B
2	x	x	x	289	LAMA2002-10-1-B
2	x	x	x	290	LAMA2002-20-6-B
2	x	x	x	291	LAMA2002-43-2-B
2	x	x	x	292	LAMA2002-61-1-B
2	x	x	x	293	MBR C6 Am F9-2-B-#-3-1-B-B-B-B-B
2	x	x	x	296	SRR-C1 SA3MH32-4-3-B-1-1-2-B-B
2	x	x	x	297	P390Am/CML c4 F253-B-2-2-4-1-B-B
2	x	x	x	298	AMATLC0HS71-1-1-2-1-1-1-BBBB-B-B-B
2	x	x	x	299	Pop.28C9HC113-3-1-4-B*8-B-B-B
2	x	x	x	300	P84c3BcxP391c3 F38-1-3-2-2-1-1-2-B-B
2	x	x	x	301	P84c3BcxLine recycle LLTpreAsiaxMIRT F59-2-1-1-1-B-B
2	x	x	x	302	MIRTC4Am F17-B-2-1-B-B
2	x	x	x	303	P391c2 F22-1-1-2-1-B-B-B
2	x	x	x	305	MBR-ET(W) C1 F139-2-1-B-2-B-B-B-B-B-BxMBR C5 Bc F13-3-1-2-B-B-B-B-1-2-B-B-B
2	x	x	x	310	Cuba/Guad C3 F53-3-1-1-B-B-B
2	x	x	x	311	P591c4 F3-1-2-2-B-B-B
2	x	x	x	312	P591c4 F55-2-2-2-B-B-B
2	x	x	x	313	MIRTC5 Bco F62-2-2-1-1-2-1-B-B
2	x	x	x	314	Pob. 391 C4 F91-1-2-1-B-B
2	x	x	x	316	P84c3BcxMIRTC5 Bco F10-1-2-2-2-3-1-B-B
2	x	x	x	317	P84c3BcxMIRTC5 Bco F80-4-2-1-4-1-1-B-B
2	x	x	x	318	P84c3BcxP390Bco/CML c4 F92-B-2-1-2-1-B-B
3	x	x	x	321	CML - 3
3	x	x	x	322	CML - 5
3	x	x	x	324	CML - 9
3	x	x	x	325	CML - 12
3	x	x	x	326	CML - 13
3	x	x	x	328	CML - 15
3	x	x	x	329	CML - 16
3	x	x	x	330	CML - 17
3	x	x	x	331	CML - 24
3	x	x	x	332	CML - 27
3	x	x	x	333	CML - 28

Maturity Group	pheno-typed in TL05A	pheno-typed in TL06A	used in assoc. analysis	Line #	Identification number
3	x	x	x	334	CML - 32
3	x	x	x	335	CML - 38
3	x	x	x	337	CML - 43
3	x	x	x	340	CML - 47
3	x	x	x	342	CML - 49
3	x	x	x	343	CML - 51
3	x	x	x	350	CML - 142
3	x	x	x	351	CML - 144
3	x	x	x	352	CML - 147
3	x	x	x	353	CML - 150
3	x	x	x	354	CML - 153
3	x	x	x	355	CML - 158
3	x	x	x	356	CML - 159
3	x	x	x	357	CML - 165
3	x	x	x	360	CML - 201
3	x	x	x	361	CML - 202
3	x	x	x	362	CML - 204
3	x	x	x	363	CML - 206
3	x	x	x	364	CML - 208
3	x	x	x	365	CML - 216
3	x	x	x	366	CML - 238
3	x	x	x	368	CML - 248
3	x	x	x	370	CML - 254
3	x	x	x	371	CML - 257
3	x	x	x	372	CML - 260
3	x	x	x	373	CML - 268
3	x	x	x	374	CML - 270
3	x	x	x	377	CML - 274
3	x	x	x	379	CML - 279
3	x	x	x	380	CML - 281
3	x	x	x	381	CML - 285
3	x	x	x	382	CML - 287
3	x	x	x	383	CML - 289
3	x	x	x	384	CML - 290
3	x	x	x	386	CML - 298
3	x	x	x	387	CML - 307
3	x	x	x	388	CML - 319
3	x	x	x	389	CML - 320
3	x	x	x	390	CML - 327
3	x	x	x	392	CML - 340
3	x	x	x	393	CML - 341
3	x	x	x	395	CML - 344

Maturity Group	pheno-typed in TL05A	pheno-typed in TL06A	used in assoc. analysis	Line #	Identification number
3	x	x	x	397	CML - 364
3	x	x	x	398	CML - 377
3	x	x	x	399	CML - 378
3	x	x	x	400	CML - 384
3	x	x	x	401	CML - 386
3	x	x	x	402	CML - 387
3	x	x	x	403	CML - 389
3	x	x	x	405	CML - 395
3	x	x	x	406	CML - 397
3	x	x	x	408	CML - 401
3	x	x	x	409	CML - 402
3	x	x	x	412	CML - 405
3	x	x	x	413	CML - 406
3	x	x	x	414	CML - 407
3	x	x	x	415	CML - 408
3	x	x	x	416	CML - 412
3	x	x	x	417	CML - 413
3	x	x	x	418	CML - 415
3	x	x	x	419	CML - 430
3	x	x	x	420	CML - 433
3	x	x	x	421	CML - 442
3	x	x	x	423	CML - 446
3	x	x	x	426	CML - 454
3	x	x	x	428	CML - 468
3	x	x	x	429	CML - 476
3	x	x	x	430	CML - 494
3	x	x	x	431	CML - 496
3	x	x	x	432	CML - 497
3	x	x	x	433	P2
3	x	x	x	436	CML-395/CML444 B-4-1-3-1
3	x	x	x	437	SW1SR/COMPE1-W###52#-19-5-1-B*5
3	x	x	x	438	DTPWC8F317-1-1-1-#-B
3	x	x	x	439	La Posta Seq.C4 F140-1-1-1
3	x	x	x	440	La Posta Seq.C4 F273-2-2-1
3	x	x	x	441	CL-04343
3	x	x	x	442	CL-Q6203
3	x	x	x	443	CL-RCW01
3	x	x	x	445	MBR/MDR Am C4 F55-2-B-#-1-1-B-B-B-B-B
3	x	x	x	446	1760A A1Am x1751A y 52A Comp.-B-1-2-B-B-B-B-B-B
3	x	x	x	447	761B B2 Bco x751B-B-1-1-B-B-B-B-B-B
3	x	x	x	448	Cuba/Guad C3 F42-2-1-1-B-B-B
3	x	x	x	449	Cuba/Guad C3 F125-2-2-1-B-B-B

Maturity Group	pheno-typed in TL05A	pheno-typed in TL06A	used in assoc. analysis	Line #	Identification number
3	x	x	x	450	P591c4 1y2 GEN F3-1-1-2-B-B-B
3	x	x	x	451	P591c4 1y2 GEN F205-1-1-1-B-B-B
3	x	x	x	452	MIRTC5Am F24-2-1-1-3-1-2-B-B
3	x	x	x	453	MBR/MDR C4 Bc F34-1-B-#-1-1-B-B-B-B-B
3	x	x	x	454	MBR/MDR C3 Bc/ MBR C5 Bc F59-1-B-#-1-2-B-B-B-B-B
3	x	x	x	458	Cuba/Guad C3 F110-2-2-1-B-B-B
3	x	x	x	459	P590 C7 Blancos F57-1-3-1-B-B-B
3	x	x	x	460	P391 c4 Bco F105-1-2-3-B-B
					Used in Association analysis; phenotyped in 2005
1	x		x	25	CML - 189
1	x		x	37	CML - 326
1	x		x	52	CML - 423
1	x		x	58	CML - 470
1	x		x	60	CML - 473
2	x		x	258	DTPWC9-F18-1-3-1-1-B
2	x		x	294	CML 329/MBR C3 Am F25-2-1-1-B-B-B
2	x		x	304	MBR C6 Bc F234-1-B-#-1-1-B-B-B-B-B
2	x		x	309	Ejura/Sin35 C4 F52-2-2-2-B-B-B
3	x		x	341	CML - 48
3	x		x	349	CML - 133
3	x		x	358	CML - 196
3	x		x	394	CML - 343
					Not used in Association analysis; phenotyped in 2005 and 2006
1	x	x		1	CML - 75
1	x	x		4	CML - 83
1	x	x		10	CML - 113
1	x	x		13	CML - 124
1	x	x		26	CML - 217
1	x	x		42	CML - 355
1	x	x		43	CML - 356
1	x	x		53	CML - 425
1	x	x		56	CML - 429
1	x	x		69	DTPWC9-F120-3-1-1-1-B
1	x	x		81	CL-G1844 G18SeqC3F245-2-2-2-1-1-B*4
1	x	x		87	((NC300-B-B/(Do940y x Tx802)-4-2-1-1-1-B-B)x(Tx770-B/CML161))-B-B-2-B-B
1	x	x		88	(B97-B-B/Do940y)x(NC300/CML161)-B2-B-2-B-B
1	x	x		89	((Ko326y x Tx806)-6-1-1-1-B-B/B104))-B-B-B-B
1	x	x		90	(CML 323/NC300)-B-1-1-B-B
1	x	x		93	((CML288/NC300)x(B97/Tx772))-3-4-B-B
1	x	x		100	(CML 326/Tx772)-B-11-B-B-B-B

Maturity Group	pheno-typed in TL05A	pheno-typed in TL06A	used in assoc. analysis	Line #	Identification number
1	x	x		103	(B97x CML 326-B/Tx770 x A645)-2-2-B-B-B-B
2	x	x		132	CML - 41
2	x	x		134	CML - 58
2	x	x		135	CML - 60
2	x	x		148	CML - 100
2	x	x		166	CML - 160
2	x	x		177	CML - 181
2	x	x		182	CML - 194
2	x	x		183	CML - 212
2	x	x		184	CML - 213
2	x	x		194	CML - 233
2	x	x		195	CML - 235
2	x	x		203	CML - 288
2	x	x		206	CML - 311
2	x	x		207	CML - 315
2	x	x		212	CML - 329
2	x	x		215	CML - 346
2	x	x		218	CML - 362
2	x	x		219	CML - 370
2	x	x		228	CML - 394
2	x	x		236	CML - 466
2	x	x		237	CML - 467
2	x	x		238	CML - 469
2	x	x		241	CML - 481
2	x	x		251	DTPWC8F31-1-3-1-B
2	x	x		269	CL-G1829 G18C23-61-3-1-1-B*7
2	x	x		270	CL-G1901 G19C3H19-1-1-B-2-2-B*4
2	x	x		279	Tx130
2	x	x		281	(B97-B-B/Do940y))-B-B-B-1-B-B
2	x	x		282	(Tx802-B-B-B/B104)-2-5-B1-1-B
2	x	x		283	(Tx802-B-B-B/B104)-3 CORNEOUS-10-B2-1-B-B
2	x	x		288	LAMA2002-7-2-B
2	x	x		306	M37W/ZM607#bF37sr-2-3sr-6-2-X]-8-2-X-1-BB-B-xP84c1 F27-4-3-3-B-1-B] F29-1-2-2 x [KILIMA ST94A]-30/MSV-03-101-08-B-B-1xP84c1 F27-4-1-4-B-3-B] F2-1-2-1-1-1-B
2	x	x		307	(200-6 x GUAT189)(51-2-1)F1-B-xP84c1 F26-2-2-4-B-2-B] F102-1-3-1-2 x M37W/ZM607#bF37sr-2-3sr-6-2-X]-8-2-X-1-BB-B-xP84c1 F27-4-3-3-B-1-B]-1-1-B
2	x	x		308	(200-6 x GUAT189)(51-2-1)F1-B-xP84c1 F26-2-2-4-B-2-B] F102-2-2-2-2 x [KILIMA ST94A]-30/MSV-03-2-10-B 1-B-B-xP84c1 F27-4-1-6-B-5-B]-1-2-B
2	x	x		315	P84c3xP8 P63C2HC5-1-3-1-B-2-1-B-# CML159 x P9 P62C3HC163-3-1-3-1-B-1-2-BBBBB-1-B-B CML156-2-1-1
2	x	x		320	CML441
3	x	x		338	CML - 45

Maturity Group	pheno-typed in TL05A	pheno-typed in TL06A	used in assoc. analysis	Line #	Identification number
3	x	x		359	CML - 200
3	x	x		378	CML - 277
3	x	x		425	CML - 453
3	x	x		434	K-64 (JMR)
3	x	x		435	MALAWI (JMR)
3	x	x		455	MBR Et/MBR Bc C1 F58-1-1-3-B-B-B-Bx1760B B2 Bco x Comp.-B-2-1-1-1-B-B-B
3	x	x		456	MBR Et/MBR Bc C1 F79-3-1-2-B-B-B-Bx1760B G2 Bco x Comp.-B-1-2-2-1-B-B-B
3	x	x		457	[KILIMA ST94A]-30/MSV-03-2-10-B-2-B-B-1xP84c1 F27-4-3-3-B-1-B] F18-2-2-2-1 x G16SeqC1F47-2-1-2-1-BBBB-B-xP84c1 F26-2-2-6-B-3-B]-1-1-B
					Not used in Association analysis; phenotyped in 2005
1	x			3	CML - 81
1	x			32	CML - 245
1	x			33	CML - 295
1	x			50	CML - 421
1	x			63	1999-D [NAW 5867 / P49-SR (52#)11 NAW5867] FS#
1	x			72	DTPYC9-F142-3-2-1-2-B
1	x			82	Tx110
1	x			92	((CML 325/B104)x(CML285/B104))-2-2-B-B
1	x			94	((Tx714/B14)x(NC258/B104))-1-1-B-B
1	x			97	(B104/NC300)-B-1-B1-B-B
1	x			98	(CML 325/B104)-B-1-B-B-B-B
1	x			104	((Tx772 x Tx745) x Tx745)-9-1-B-B-B-B
1	x			105	AR16021:S08a02 Derived line (energy dense)-B-B-B-1-B-B-B
1	x			106	LAMA2002-1-1-B
1	x			107	LAMA2002-2-1-B
1	x			118	Nei 402014-B-B-B
2	x			186	CML - 224
2	x			239	CML - 472
2	x			274	CL-QRCWQ01
2	x			276	CL-QRCWQ50
2	x			287	(B104-1 x Tx714-B/B110 x FR2128-B)-2-2-B-B-B-B
2	x			295	(90[SPMATC4/P500(SELY)]#-B-54-4-B-BxP45C6F46/CML329xMBR C1Am F6-1-2-2-B-B-B)-2-2-1-B-B-B
2	x			319	CML-312
3	x			323	CML - 6
3	x			327	CML - 14
3	x			336	CML - 42
3	x			339	CML - 46
3	x			344	CML - 52
3	x			345	CML - 53
3	x			346	CML - 117
3	x			347	CML - 119

Maturity Group	pheno-typed in TL05A	pheno-typed in TL06A	used in assoc. analysis	Line #	Identification number
3	x			348	CML - 120
3	x			367	CML - 247
3	x			369	CML - 251
3	x			375	CML - 271
3	x			376	CML - 272
3	x			385	CML - 294
3	x			391	CML - 339
3	x			396	CML - 348
3	x			404	CML - 392
3	x			407	CML - 398
3	x			410	CML - 403
3	x			411	CML - 404
3	x			422	CML - 444
3	x			424	CML - 448
3	x			427	CML - 464
3	x			444	CL-RCW18 [(264x271)xSW/LIITA*MpHibC1SCB-F72-s4(MIRTS3-46-1)]-1-3-4-2-B