

**S3 Table. Accession-wise details of 659 wheat accessions that were subjected to seedling resistance screening.** Seedling resistance screening was carried out under controlled condition at the Regional Station of Indian Institute of Wheat and Barley Research (IIWBR), Flowerdale, Shimla. Field level disease scores were determined by taking into account the severity of disease on plant leaves denoted by per cent area covered and converted to host response (R – resistant and MR – moderately resistant) at three disease hotspots (Wellington, Gurdaspur and Cooch Behar). The seedling resistance was recorded as resistant either to only one rust disease leaf/brown (R), stem/black (B) or stripe/yellow (Y) or a combination of two or all the three rust diseases; 'O' indicates susceptible to all rusts and N means no data. Additional information on source and year of acquisition are given as available. NA: absence of verified information. Accessions 1 to 639 were short-listed after primary evaluation at Wellington (found resistant to all three rusts); accessions 640 to 654 were not short-listed after primary evaluation at Wellington (used as susceptible checks); accessions 655 to 659 were genetic stocks not included in primary evaluation. Accessions shown as sourced from Mexico mainly include those from CIMMYT.

#	Seedling Resistance	Genebank_ID	Species	Stripe rust Gurdaspur	Spot blotch Cooch Behar	Stripe rust Wellington	Stem rust Wellington	Leaf rust Wellington	Year	Source	Resistace genotype (based on marker assay)
1	YR	IC543302	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
2	YR	IC543112	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
3	YR	IC543036	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
4	YR	IC536015	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
5	YR	EC534557	<i>T.aestivum</i>	R	MS	R	R	R	2003	USA	NA
6	YR	EC276861	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	Lr22aLr32Lr46Lr50Yr15Yr36Yr48Sr13
7	YR	EC276847	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	Lr19Lr22aLr37Lr46Lr50Yr15Yr48Sr13
8	YR	EC276759	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	Lr22aLr46Lr50Yr5Yr15Yr48Sr2Sr13
9	YBR	IC539173	<i>T.aestivum</i>	R	MR	R	R	R	2005	INDIA	NA
10	YBR	IC266733	<i>T.aestivum</i>	R	MS	R	R	R	2000	INDIA	Lr19Lr22aLr46Lr50Lr68Yr36Yr48
11	YBR	EC574756	<i>T.aestivum</i>	R	S	R	R	R	2006	NA	Lr19Lr34Lr46Lr50Yr5Yr15Sr2Sr13
12	YBR	EC445442	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	Lr19Lr22aLr46Lr50Yr5Yr36Yr48Sr2Sr13
13	YBR	EC178071-693	<i>T.aestivum</i>	R	MS	R	R	R	NA	NA	Lr19Lr22aLr32Lr37Lr46Lr50Yr48
14	YB	IC542830	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
15	YB	IC542625	<i>T.durum</i>	>20S	MS	R	R	R	NA	INDIA	NA
16	YB	IC542594	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	NA
17	YB	IC535852	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	NA
18	YB	IC470825-FLW-11	<i>T.aestivum</i>	<20S	MS	R	R	R	2005	INDIA	NA
19	YB	IC416088	<i>T.aestivum</i>	R	MS	R	R	R	2003	INDIA	Lr19Lr22aLr32Lr46Yr5Yr15Yr48Sr2Sr13
20	YB	IC416035	<i>T.aestivum</i>	R	MS	R	R	R	2003	INDIA	Lr19Lr22aLr46Lr50Yr5Yr15Yr36Yr48Sr2Sr13
21	YB	IC252459	<i>T.aestivum</i>	R	S	R	R	R	1999	INDIA	Lr22aLr32Lr37Lr46Lr50Yr5Yr15Yr36Yr48Sr2Sr13
22	YB	EC582263	<i>T.aestivum</i>	R	MR	R	R	R	2006	USA	NA
23	YB	EC578103	<i>T.aestivum</i>	R	R	R	R	R	2006	NA	Lr19Lr22aLr37Lr46Lr50Lr67Yr15Yr48Sr13
24	YB	EC578064	<i>T.aestivum</i>	R	MS	R	R	R	2006	NA	Lr22aLr32Lr37Lr46Yr15Yr48Sr13
25	YB	EC577422	<i>T.durum</i>	MS	S	R	R	R	2006	NA	Lr19Lr22aLr46Lr50Lr67Yr15Yr36Yr48Sr13
26	YB	EC576062	<i>T.aestivum</i>	R	MR	R	R	R	2006	NA	Lr19Lr22aLr34Lr46Lr50Yr5Yr48Sr13Sr24
27	YB	EC574879	<i>T.aestivum</i>	R	MS	R	R	R	2006	NA	Lr22aLr34Lr37Lr46Yr5Yr15Yr36Yr48
28	YB	EC178071-195	<i>T.aestivum</i>	R	S	R	R	R	NA	NA	Lr19Lr22aLr34Lr37Lr46Lr50Yr36Yr48Sr2Sr13Sr24
29	YB	EC178071-194	<i>T.aestivum</i>	R	MS	R	R	R	NA	NA	Lr19Lr22aLr46Lr50Yr48Sr2Sr13Sr24
30	YB	EC178071-193	<i>T.aestivum</i>	R	MS	R	R	R	NA	NA	Lr19Lr22aLr34Lr37Lr46Lr50Yr48Sr13Sr24
31	YB	EC178071-169	<i>T.aestivum</i>	R	MS	R	R	R	NA	NA	Lr22aLr46Yr48Sr24
32	Y	IC75240	<i>T.aestivum</i>	R	S	R	R	R	2004	INDIA	NA
33	Y	IC543275(2311)	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
34	Y	IC543233	<i>T.durum</i>	R	R	R	R	R	NA	INDIA	NA
35	Y	IC543143	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	NA
36	Y	IC543116	<i>T.durum</i>	R	MR	R	R	R	NA	INDIA	NA
37	Y	IC542919	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
38	Y	IC542857	<i>T.durum</i>	MS	MS	R	R	R	NA	INDIA	NA

39	Y	IC542843	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
40	Y	IC542805	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
41	Y	IC542770	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
42	Y	IC542757	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	<i>NA</i>
43	Y	IC542746	<i>T.durum</i>	MS	MS	R	R	R	NA	INDIA	<i>NA</i>
44	Y	IC542744	<i>T.durum</i>	MS	MR	R	R	R	NA	INDIA	<i>NA</i>
45	Y	IC542729	<i>T.durum</i>	MS	MS	R	R	R	NA	INDIA	<i>NA</i>
46	Y	IC542614	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
47	Y	IC539166	<i>T.aestivum</i>	R	MS	R	R	R	2005	INDIA	<i>NA</i>
48	Y	IC536366	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
49	Y	IC536365	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
50	Y	IC536019	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
51	Y	IC535860	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
52	Y	IC535858	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
53	Y	IC535851	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
54	Y	IC533716	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
55	Y	IC470827-FLW-13	<i>T.aestivum</i>	<20S	NULL	R	R	R	2005	INDIA	<i>NA</i>
56	Y	IC469457	<i>T.aestivum</i>	R	MS	R	R	R	2005	INDIA	<i>NA</i>
57	Y	IC445510	<i>T.aestivum</i>	R	S	R	R	R	2004	INDIA	<i>NA</i>
58	Y	IC416380	<i>T.durum</i>	R	S	R	R	R	2003	INDIA	<i>Lr19Lr22aLr34Lr37Lr46Lr50Yr15Yr36Yr48Sr13</i>
59	Y	IC393886	<i>T.durum</i>	R	MS	R	R	R	2002	INDIA	<i>Lr19Lr22aLr34Lr37Lr46Lr50Yr15Yr36Yr48Sr24</i>
60	Y	IC335812(1968)	<i>T.aestivum</i>	MS	S	R	R	R	2002	INDIA	<i>Lr22aLr34Lr37Lr46Lr50Lr67Yr15Yr48Sr24</i>
61	Y	IC290150	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
62	Y	IC252995	<i>T.aestivum</i>	R	MS	R	R	R	1999	INDIA	<i>Lr19Lr22aLr32Lr46Lr50Yr15Yr15Yr48Sr24</i>
63	Y	IC252413	<i>T.aestivum</i>	R	S	R	R	R	1999	INDIA	<i>Lr22aLr32Lr37Lr46Lr50Yr15Yr15Yr36Yr48</i>
64	Y	EC578084	<i>T.aestivum</i>	R	R	R	R	R	2006	NA	<i>Lr22aLr37Lr46Lr67Yr15Yr48Sr2Sr13</i>
65	Y	EC578070	<i>T.aestivum</i>	R	MR	R	R	R	2006	NA	<i>Lr46Lr50Lr67Yr15Yr48Sr2</i>
66	Y	EC575211	<i>T.aestivum</i>	R	MS	R	R	R	2006	NA	<i>NA</i>
67	Y	EC574482	<i>T.aestivum</i>	R	S	R	R	R	2006	NA	<i>Lr22aLr46Lr50Lr67Lr68Yr15Yr15Yr48</i>
68	Y	EC574479	<i>T.aestivum</i>	R	MS	R	R	R	2006	NA	<i>Lr19Lr22aLr32Lr34Lr37Lr46Lr50Lr67Lr68Yr15Yr15Yr48Sr13Sr24</i>
69	Y	EC534558	<i>T.aestivum</i>	R	S	R	R	R	2003	USA	<i>NA</i>
70	Y	EC493712	<i>T.aestivum</i>	MS	S	R	R	R	2002	USA	<i>NA</i>
71	Y	EC339604	<i>T.aestivum</i>	R	MR	R	R	R	1992	USA	<i>Lr19Lr22aLr32Lr46Lr50Yr15Yr15Yr48Sr2</i>
72	Y	EC299270	<i>T.durum</i>	R	MR	R	R	R	1989	SYRIA	<i>Lr22aLr34Lr46Lr50Lr67Yr15Yr48Sr2Sr13Sr24</i>
73	Y	EC277348	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>Lr22aLr67Yr15Yr15Yr36Yr48Sr2Sr24</i>
74	Y	EC277339	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>Lr19Lr22aLr32Lr37Lr46Lr50Yr15Yr15Yr36Yr48Sr13</i>
75	Y	EC277113	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>Lr22aLr32Lr46Lr50Yr15Yr15Yr36Yr48Sr2</i>
76	Y	EC276979	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>Lr19Lr22aLr34Lr46Yr15Yr48Sr2Sr13</i>
77	Y	EC276909(2428)	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
78	Y	EC276803	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>Lr19Lr22aLr46Yr15Yr15Yr36Yr48</i>
79	Y	EC276732	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>Lr19Lr22aLr46Lr50Yr15Yr15Yr36Yr48Sr2Sr13</i>
80	Y	EC276709	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>Lr22aLr34Lr37Lr46Lr50Yr15Yr15Yr48Sr2Sr13</i>
81	Y	EC178071-339	<i>T.aestivum</i>	R	MR	R	R	R	NA	NA	<i>Lr19Lr22aLr46Lr50Lr67Lr68Yr15Yr15Yr36Yr48Sr24</i>
82	Y	EC178071-282	<i>T.aestivum</i>	R	MR	R	R	R	NA	NA	<i>Lr19Lr22aLr32Lr46Lr50Lr67Lr68Yr15Yr15Yr36Yr48Sr13Sr24</i>
83	R	IC549347	<i>T.aestivum</i>	R	S	R	R	R	2006	INDIA	<i>NA</i>
84	R	IC547607	<i>T.aestivum</i>	R	S	R	R	R	2006	INDIA	<i>NA</i>
85	R	IC543410	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
86	R	IC543255	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
87	R	IC543121	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
88	R	IC543048	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
89	R	IC543040	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	<i>NA</i>

90	R	IC542938	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
91	R	IC542853	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
92	R	IC542851	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
93	R	IC542844	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
94	R	IC542834	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
95	R	IC542818	<i>T.durum</i>	R	MR	R	R	R	NA	INDIA	NA
96	R	IC542760	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
97	R	IC542753	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
98	R	IC542714	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
99	R	IC542684	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
100	R	IC542624	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
101	R	IC542120	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	NA
102	R	IC542118	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	NA
103	R	IC539484	<i>T.aestivum</i>	R	S	R	R	R	2005	INDIA	NA
104	R	IC539442	<i>T.aestivum</i>	R	MS	R	R	R	2005	INDIA	NA
105	R	IC539136	<i>T.aestivum</i>	R	MS	R	R	R	2005	INDIA	NA
106	R	IC536494	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
107	R	IC536412	<i>T.aestivum</i>	MS	S	R	R	R	NA	INDIA	NA
108	R	IC536410	<i>T.aestivum</i>	MS	S	R	R	R	NA	INDIA	NA
109	R	IC536040	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
110	R	IC536038	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
111	R	IC536036	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
112	R	IC536035	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
113	R	IC536034	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
114	R	IC536032	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
115	R	IC536026	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
116	R	IC536020	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
117	R	IC536017	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
118	R	IC536016	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
119	R	IC536006	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
120	R	IC536000	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
121	R	IC535909	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	NA
122	R	IC535904	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	NA
123	R	IC535878	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
124	R	IC535849	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
125	R	IC535845	<i>T.durum</i>	>20S	S	R	R	R	NA	INDIA	NA
126	R	IC535842	<i>T.durum</i>	MS	MS	R	R	R	NA	INDIA	NA
127	R	IC535837	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
128	R	IC535828	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
129	R	IC535769	<i>T.durum</i>	<20S	S	R	R	R	NA	INDIA	NA
130	R	IC535729	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
131	R	IC533697	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	NA
132	R	IC533696	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	NA
133	R	IC533694	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	NA
134	R	IC533692	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	NA
135	R	IC533689	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	NA
136	R	IC533687	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	NA
137	R	IC533684	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	NA
138	R	IC532584	<i>T.durum</i>	R	S	R	R	R	1999	INDIA	Lr19Lr22aLr50Yr5Yr15Yr36Yr48Sr2Sr13Sr24
139	R	IC47027	<i>T.aestivum</i>	R	MS	R	R	R	1981	INDIA	Lr22aLr37Lr46Lr50Yr5Yr15Yr36Yr48Sr2Sr13
140	R	IC445530	<i>T.aestivum</i>	R	S	R	R	R	2004	INDIA	NA

141	R	IC445529	<i>T.aestivum</i>	R	S	R	R	R	2004	INDIA	<i>NA</i>
142	R	IC445526	<i>T.aestivum</i>	R	MS	R	R	R	2004	INDIA	<i>NA</i>
143	R	IC445524	<i>T.aestivum</i>	R	MS	R	R	R	2004	INDIA	<i>NA</i>
144	R	IC445511	<i>T.aestivum</i>	R	S	R	R	R	2004	INDIA	<i>NA</i>
145	R	IC445508	<i>T.aestivum</i>	R	MS	R	R	R	2004	INDIA	<i>NA</i>
146	R	IC445505	<i>T.aestivum</i>	R	S	R	R	R	2004	INDIA	<i>NA</i>
147	R	IC445487	<i>T.aestivum</i>	R	S	R	R	R	2004	INDIA	<i>NA</i>
148	R	IC445070	<i>T.durum</i>	R	S	R	R	R	2004	INDIA	<i>NA</i>
149	R	IC443634	<i>T.aestivum</i>	R	S	R	R	R	2004	INDIA	<i>NA</i>
150	R	IC443629	<i>T.aestivum</i>	R	S	R	R	R	2004	INDIA	<i>NA</i>
151	R	IC416314	<i>T.durum</i>	R	S	R	R	R	2003	INDIA	<i>Lr19Lr22aLr32Lr46Yr5Yr15Yr36Yr48Sr2</i>
152	R	IC416310	<i>T.durum</i>	R	S	R	R	R	2003	INDIA	<i>Lr19Lr22aLr32Lr46Lr50Yr5Yr15Yr36Yr48</i>
153	R	IC416298	<i>T.durum</i>	R	MS	R	R	R	2003	INDIA	<i>Lr19Lr22aLr32Lr46Lr50Yr5Yr15Yr36Yr48Sr13</i>
154	R	IC416254	<i>T.aestivum</i>	R	S	R	R	R	2003	INDIA	<i>NA</i>
155	R	IC415859	<i>T.aestivum</i>	R	MR	R	R	R	2003	INDIA	<i>Lr22aLr32Lr46Lr50Yr5Yr15Yr36Yr48Sr2</i>
156	R	IC405234	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
157	R	IC401962	<i>T.durum</i>	R	S	R	R	R	2004	INDIA	<i>NA</i>
158	R	IC397538	<i>T.aestivum</i>	R	S	R	R	R	2003	INDIA	<i>NA</i>
159	R	IC333096	<i>T.aestivum</i>	R	MS	R	R	R	2001	INDIA	<i>Lr19Lr22aLr34Lr37Lr46Lr50Yr15Yr48Sr13</i>
160	R	IC296490-FLW-4	<i>T.aestivum</i>	>20S	NULL	R	R	R	2000	INDIA	<i>NA</i>
161	R	IC296436	<i>T.aestivum</i>	>20S	MR	R	R	R	2000	INDIA	<i>NA</i>
162	R	IC296429-D-895	<i>T.aestivum</i>	<20S	S	R	R	R	2000	INDIA	<i>NA</i>
163	R	IC290226	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
164	R	IC252945	<i>T.aestivum</i>	MS	MS	R	R	R	1999	INDIA	<i>Lr19Lr22aLr37Lr50Lr67Lr68Yr5Yr15Yr48Sr2Sr13Sr24</i>
165	R	IC145686	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
166	R	IC111866	<i>T.aestivum</i>	R	S	R	R	R	1990	INDIA	<i>Lr22aLr37Lr46Lr50Yr5Yr15Yr36Yr48</i>
167	R	EC592966	<i>T.durum</i>	R	MR	R	R	R	2006	MEXICO	<i>NA</i>
168	R	EC577459	<i>T.durum</i>	R	MS	R	R	R	2006	NA	<i>NA</i>
169	R	EC577413	<i>T.durum</i>	MS	MS	R	R	R	2006	NA	<i>NA</i>
170	R	EC576740	<i>T.aestivum</i>	>20S	S	R	R	R	2006	NA	<i>NA</i>
171	R	EC575641	<i>T.aestivum</i>	R	S	R	R	R	2006	NA	<i>NA</i>
172	R	EC575376	<i>T.durum</i>	R	S	R	R	R	2006	NA	<i>NA</i>
173	R	EC575375	<i>T.durum</i>	MS	S	R	R	R	2006	NA	<i>NA</i>
174	R	EC575374	<i>T.durum</i>	R	S	R	R	R	2006	NA	<i>NA</i>
175	R	EC575368	<i>T.durum</i>	R	S	R	R	R	2006	NA	<i>NA</i>
176	R	EC573868	<i>T.aestivum</i>	MR	MS	R	R	R	2006	NA	<i>NA</i>
177	R	EC573767	<i>T.durum</i>	MS	S	R	R	R	2006	NA	<i>NA</i>
178	R	EC573650	<i>T.aestivum</i>	R	MS	R	R	R	2006	NA	<i>NA</i>
179	R	EC573567	<i>T.durum</i>	R	MS	R	R	R	2006	NA	<i>NA</i>
180	R	EC573566	<i>T.durum</i>	R	MS	R	R	R	2006	NA	<i>NA</i>
181	R	EC573565	<i>T.durum</i>	R	MS	R	R	R	2006	NA	<i>NA</i>
182	R	EC534569	<i>T.aestivum</i>	R	MS	R	R	R	2003	USA	<i>NA</i>
183	R	EC534568	<i>T.aestivum</i>	R	MS	R	R	R	2003	USA	<i>NA</i>
184	R	EC534550	<i>T.aestivum</i>	R	MS	R	R	R	2003	USA	<i>NA</i>
185	R	EC445450	<i>T.durum</i>	R	MS	R	R	R	1999	MEXICO	<i>NA</i>
186	R	EC445414	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	<i>NA</i>
187	R	EC445365	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	<i>NA</i>
188	R	EC445363	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	<i>NA</i>
189	R	EC445327	<i>T.durum</i>	R	MS	R	R	R	1999	MEXICO	<i>NA</i>
190	R	EC445290	<i>T.durum</i>	R	MR	R	R	R	1999	MEXICO	<i>NA</i>
191	R	EC445257	<i>T.durum</i>	R	MS	R	R	R	1999	MEXICO	<i>Lr22aLr50Yr5Yr15Yr36Yr48Sr2Sr13</i>

192	R	EC445228	<i>T.durum</i>	R	MS	R	R	R	1999	MEXICO	<i>NA</i>
193	R	EC445220	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	<i>NA</i>
194	R	EC445179	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	<i>NA</i>
195	R	EC445178	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	<i>NA</i>
196	R	EC445169	<i>T.durum</i>	R	MS	R	R	R	1999	MEXICO	<i>NA</i>
197	R	EC445160	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	<i>NA</i>
198	R	EC445158	<i>T.durum</i>	R	MS	R	R	R	1999	MEXICO	<i>NA</i>
199	R	EC445122	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	<i>NA</i>
200	R	EC445119	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	<i>NA</i>
201	R	EC445118	<i>T.durum</i>	R	MS	R	R	R	1999	MEXICO	<i>NA</i>
202	R	EC445098	<i>T.durum</i>	R	MS	R	R	R	1999	MEXICO	<i>NA</i>
203	R	EC445089	<i>T.durum</i>	R	MS	R	R	R	1999	MEXICO	<i>NA</i>
204	R	EC444938	<i>T.durum</i>	R	MS	R	R	R	1999	MEXICO	<i>NA</i>
205	R	EC444907	<i>T.durum</i>	R	MS	R	R	R	1999	MEXICO	<i>NA</i>
206	R	EC444889	<i>T.durum</i>	R	MR	R	R	R	1999	MEXICO	<i>NA</i>
207	R	EC444847	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	<i>NA</i>
208	R	EC444754	<i>T.durum</i>	R	MS	R	R	R	1999	MEXICO	<i>NA</i>
209	R	EC299283	<i>T.durum</i>	R	MS	R	R	R	1989	SYRIA	<i>NA</i>
210	R	EC299253	<i>T.durum</i>	R	S	R	R	R	1989	SYRIA	<i>NA</i>
211	R	EC277637	<i>T.durum</i>	R	S	R	R	R	NA	NA	<i>NA</i>
212	R	EC277355	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
213	R	EC277327	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
214	R	EC277323	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
215	R	EC277317	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
216	R	EC277315	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
217	R	EC277312	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
218	R	EC277308	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
219	R	EC277297	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
220	R	EC277281	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
221	R	EC277273	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
222	R	EC277260	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
223	R	EC277238	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
224	R	EC277233	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
225	R	EC277232	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
226	R	EC277222	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
227	R	EC277220	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
228	R	EC277217	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
229	R	EC277210	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
230	R	EC277204	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
231	R	EC277194	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
232	R	EC277189	<i>T.durum</i>	R	MR	R	R	R	1988	MEXICO	<i>NA</i>
233	R	EC277179	<i>T.durum</i>	MS	S	R	R	R	1988	MEXICO	<i>NA</i>
234	R	EC277165	<i>T.aestivum</i>	<20S	MS	R	R	R	1988	MEXICO	<i>NA</i>
235	R	EC277164(3048)	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
236	R	EC277146	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
237	R	EC277119	<i>T.durum</i>	R	MR	R	R	R	1988	MEXICO	<i>NA</i>
238	R	EC277108	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
239	R	EC277107	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>Lr19Lr22aLr32Lr46Yr5Yr15Yr36Yr48Sr2Sr13</i>
240	R	EC277100	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
241	R	EC277098	<i>T.aestivum</i>	R	MR	R	R	R	1988	MEXICO	<i>NA</i>
242	R	EC277091	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>

243	R	EC277088	<i>T.aestivum</i>	R	MR	R	R	R	1988	MEXICO	<i>NA</i>
244	R	EC277081	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
245	R	EC277080	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
246	R	EC277078	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
247	R	EC277076	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
248	R	EC277066	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
249	R	EC276992	<i>T.durum</i>	MS	S	R	R	R	1988	MEXICO	<i>NA</i>
250	R	EC276991	<i>T.durum</i>	MS	MS	R	R	R	1988	MEXICO	<i>NA</i>
251	R	EC276988(3089)	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
252	R	EC276985	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
253	R	EC276924	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
254	R	EC276910	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
255	R	EC276909(3082)	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
256	R	EC276892	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
257	R	EC276864	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
258	R	EC276861	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>Lr22aLr32Lr46Lr50Yr15Yr36Yr48Sr13</i>
259	R	EC276856	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
260	R	EC276838	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
261	R	EC276827	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
262	R	EC276821	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
263	R	EC276811	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
264	R	EC276795	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
265	R	EC276794	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
266	R	EC276790	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
267	R	EC276770	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
268	R	EC276765	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
269	R	EC276742	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
270	R	EC276725	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
271	R	EC276717	<i>T.durum</i>	MS	MS	R	R	R	1988	MEXICO	<i>NA</i>
272	R	EC276713	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
273	R	EC276712	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
274	R	EC276710	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
275	R	EC276683	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
276	R	EC276635	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
277	O	IC75215	<i>T.aestivum</i>	R	S	R	R	R	2002	INDIA	<i>Lr22aLr50Lr67Lr68Yr5Yr15Yr36Yr48Sr2Sr24</i>
278	O	IC549498	<i>T.aestivum</i>	MS	MS	R	R	R	2006	INDIA	<i>NA</i>
279	O	IC543310	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
280	O	IC543275(2310)	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
281	O	IC543252	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
282	O	IC543248	<i>T.aestivum</i>	MS	MS	R	R	R	NA	INDIA	<i>NA</i>
283	O	IC543246	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
284	O	IC543241	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
285	O	IC543199	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
286	O	IC543197	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	<i>NA</i>
287	O	IC543190	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	<i>NA</i>
288	O	IC543176	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	<i>NA</i>
289	O	IC543141	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
290	O	IC543122	<i>T.durum</i>	MS	MS	R	R	R	NA	INDIA	<i>NA</i>
291	O	IC543039	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
292	O	IC543021	<i>T.durum</i>	MS	MR	R	R	R	NA	INDIA	<i>NA</i>
293	O	IC543020	<i>T.durum</i>	R	MR	R	R	R	NA	INDIA	<i>NA</i>

294	O	IC543013	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
295	O	IC542906	<i>T.durum</i>	MS	MS	R	R	R	NA	INDIA	NA
296	O	IC542861	<i>T.durum</i>	MS	MS	R	R	R	NA	INDIA	NA
297	O	IC542824	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
298	O	IC542823	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
299	O	IC542763	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
300	O	IC542752	<i>T.durum</i>	MS	MR	R	R	R	NA	INDIA	NA
301	O	IC542670	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
302	O	IC542664	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
303	O	IC542619	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
304	O	IC542476	<i>T.aestivum</i>	MS	S	R	R	R	NA	INDIA	NA
305	O	IC539598	<i>T.aestivum</i>	R	MS	R	R	R	2005	INDIA	NA
306	O	IC537351-HI8591	<i>T.aestivum</i>	<20S	NULL	R	R	R	2005	INDIA	NA
307	O	IC536411	<i>T.aestivum</i>	MR	S	R	R	R	NA	INDIA	NA
308	O	IC536394	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
309	O	IC535983	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	NA
310	O	IC535945	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
311	O	IC535931	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	NA
312	O	IC535868	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	NA
313	O	IC535850	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
314	O	IC535756	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
315	O	IC535683	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
316	O	IC535682	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
317	O	IC534314	<i>T.aestivum</i>	MS	MS	R	R	R	NA	INDIA	NA
318	O	IC531796	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	NA
319	O	IC531572	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	NA
320	O	IC531248	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	NA
321	O	IC531182	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	NA
322	O	IC528923	<i>T.aestivum</i>	R	MR	R	R	R	2005	INDIA	NA
323	O	IC447515	<i>T.aestivum</i>	R	S	R	R	R	2004	INDIA	NA
324	O	IC445528	<i>T.aestivum</i>	R	S	R	R	R	2004	INDIA	NA
325	O	IC445523	<i>T.aestivum</i>	R	S	R	R	R	2004	INDIA	NA
326	O	IC445506	<i>T.aestivum</i>	R	S	R	R	R	2004	INDIA	NA
327	O	IC445395	<i>T.aestivum</i>	R	MS	R	R	R	2004	INDIA	NA
328	O	IC443734	<i>T.aestivum</i>	R	S	R	R	R	2004	INDIA	NA
329	O	IC416248	<i>T.aestivum</i>	R	MS	R	R	R	2003	INDIA	Lr19Lr22aLr32Lr46Yr5Yr36Yr48Sr2
330	O	IC416163	<i>T.aestivum</i>	MS	MS	R	R	R	2003	INDIA	NA
331	O	IC416031	<i>T.aestivum</i>	R	S	R	R	R	2003	INDIA	NA
332	O	IC415962	<i>T.aestivum</i>	R	S	R	R	R	2003	INDIA	NA
333	O	IC335812(4924)	<i>T.aestivum</i>	MS	S	R	R	R	2002	INDIA	Lr19Lr22aLr46Lr50Yr5Yr36Yr48Sr13
334	O	IC335784	<i>T.aestivum</i>	R	S	R	R	R	2002	INDIA	Lr19Lr22aLr32Lr37Lr46Lr50Yr5Yr15Yr48Sr24
335	O	IC335758	<i>T.aestivum</i>	MS	MS	R	R	R	2002	INDIA	Lr19Lr22aLr46Lr50Yr5Yr15Yr36Yr48Sr13
336	O	IC335754	<i>T.aestivum</i>	MS	S	R	R	R	2002	INDIA	Lr19Lr22aLr32Lr46Lr50Lr67Yr36Yr48Sr13Sr24
337	O	IC321981	<i>T.aestivum</i>	R	MS	R	R	R	2001	INDIA	Lr19Lr22aLr32Lr37Lr46Yr5Yr15Yr36Yr48Sr2
338	O	IC317471	<i>T.aestivum</i>	R	S	R	R	R	2001	INDIA	NA
339	O	IC296439	<i>T.aestivum</i>	>20S	NULL	R	R	R	2000	INDIA	Lr19Lr22aLr46Lr68Yr15Yr48Sr2
340	O	IC296428-D879	<i>T.aestivum</i>	>20S	S	R	R	R	2000	INDIA	NA
341	O	IC290296	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	NA
342	O	IC290180	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	NA
343	O	IC260877	<i>T.aestivum</i>	R	MS	R	R	R	2000	INDIA	NA
344	O	IC252980	<i>T.aestivum</i>	R	S	R	R	R	1999	INDIA	Lr19Lr22aLr46Lr50Lr68Sr2

345	O	IC252810	<i>T.aestivum</i>	R	MS	R	R	R	1999	INDIA	<i>Lr19Lr22aLr32Lr46Yr5Yr15Yr36Sr2Sr13</i>
346	O	IC252594	<i>T.aestivum</i>	R	S	R	R	R	1999	INDIA	<i>Lr32Yr5Yr15Yr36Sr2Sr13</i>
347	O	EC609593	<i>T.aestivum</i>	MS	S	R	R	R	2007	AUSTRALIA	<i>NA</i>
348	O	EC609590	<i>T.aestivum</i>	MS	S	R	R	R	2007	AUSTRALIA	<i>NA</i>
349	O	EC609415	<i>T.aestivum</i>	R	S	R	R	R	2007	SERBIA	<i>NA</i>
350	O	EC578059	<i>T.aestivum</i>	R	MS	R	R	R	2006	NA	<i>NA</i>
351	O	EC577958	<i>T.aestivum</i>	R	MS	R	R	R	2006	NA	<i>NA</i>
352	O	EC577531	<i>T.durum</i>	R	R	R	R	R	2006	NA	<i>NA</i>
353	O	EC577457	<i>T.durum</i>	R	MS	R	R	R	2006	NA	<i>NA</i>
354	O	EC577425	<i>T.durum</i>	MS	S	R	R	R	2006	NA	<i>NA</i>
355	O	EC577424	<i>T.durum</i>	MS	S	R	R	R	2006	NA	<i>NA</i>
356	O	EC577419	<i>T.durum</i>	MS	S	R	R	R	2006	NA	<i>NA</i>
357	O	EC577417	<i>T.durum</i>	MS	MS	R	R	R	2006	NA	<i>NA</i>
358	O	EC576915	<i>T.aestivum</i>	R	S	R	R	R	2006	NA	<i>NA</i>
359	O	EC576009	<i>T.aestivum</i>	R	S	R	R	R	2006	NA	<i>NA</i>
360	O	EC575602	<i>T.aestivum</i>	R	S	R	R	R	2006	NA	<i>NA</i>
361	O	EC575373	<i>T.durum</i>	MR	MS	R	R	R	2006	NA	<i>NA</i>
362	O	EC575357	<i>T.aestivum</i>	MS	S	R	R	R	2006	NA	<i>NA</i>
363	O	EC575154	<i>T.aestivum</i>	R	MS	R	R	R	2006	NA	<i>NA</i>
364	O	EC574831	<i>T.aestivum</i>	R	MR	R	R	R	2006	NA	<i>NA</i>
365	O	EC574433	<i>T.aestivum</i>	R	MS	R	R	R	2006	NA	<i>NA</i>
366	O	EC574430	<i>T.aestivum</i>	R	MR	R	R	R	2006	NA	<i>NA</i>
367	O	EC573944	<i>T.aestivum</i>	MS	S	R	R	R	2006	NA	<i>NA</i>
368	O	EC573930	<i>T.aestivum</i>	MS	MS	R	R	R	2006	NA	<i>NA</i>
369	O	EC573852	<i>T.durum</i>	R	S	R	R	R	2006	NA	<i>NA</i>
370	O	EC573851	<i>T.durum</i>	R	MS	R	R	R	2006	NA	<i>NA</i>
371	O	EC573577	<i>T.durum</i>	MS	S	R	R	R	2006	NA	<i>NA</i>
372	O	EC573576	<i>T.durum</i>	MS	S	R	R	R	2006	NA	<i>NA</i>
373	O	EC573568	<i>T.durum</i>	R	S	R	R	R	2006	NA	<i>NA</i>
374	O	EC558775	<i>T.aestivum</i>	R	S	R	R	R	2005	MEXICO	<i>NA</i>
375	O	EC556486	<i>T.aestivum</i>	MS	S	R	R	R	2005	AUSTRALIA	<i>NA</i>
376	O	EC556454	<i>T.aestivum</i>	R	S	R	R	R	2005	AUSTRALIA	<i>NA</i>
377	O	EC534553	<i>T.aestivum</i>	R	MS	R	R	R	2003	USA	<i>NA</i>
378	O	EC534549	<i>T.aestivum</i>	R	MS	R	R	R	2003	USA	<i>NA</i>
379	O	EC534503	<i>T.aestivum</i>	R	MS	R	R	R	2003	USA	<i>NA</i>
380	O	EC534499	<i>T.aestivum</i>	R	MS	R	R	R	2003	USA	<i>NA</i>
381	O	EC534494	<i>T.aestivum</i>	R	S	R	R	R	2003	USA	<i>NA</i>
382	O	EC445400	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	<i>NA</i>
383	O	EC415840	<i>T.aestivum</i>	R	MS	R	R	R	1998	USA	<i>NA</i>
384	O	EC339612	<i>T.aestivum</i>	R	R	R	R	R	1992	USA	<i>NA</i>
385	O	EC339606	<i>T.aestivum</i>	R	MR	R	R	R	1992	USA	<i>NA</i>
386	O	EC299278	<i>T.durum</i>	R	S	R	R	R	1989	SYRIA	<i>NA</i>
387	O	EC299242	<i>T.durum</i>	R	MR	R	R	R	1989	SYRIA	<i>NA</i>
388	O	EC299239	<i>T.durum</i>	R	MS	R	R	R	1989	SYRIA	<i>NA</i>
389	O	EC277342	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
390	O	EC277340	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
391	O	EC277336	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
392	O	EC277334	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
393	O	EC277329	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
394	O	EC277270	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
395	O	EC277227	<i>T.durum</i>	MS	MS	R	R	R	1988	MEXICO	<i>NA</i>



396	O	EC277213	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
397	O	EC277179	<i>T.durum</i>	MS	S	R	R	R	1988	MEXICO	<i>NA</i>
398	O	EC277166	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
399	O	EC277156	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
400	O	EC277153	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
401	O	EC277136	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
402	O	EC277122	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
403	O	EC277116	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
404	O	EC277111(2532)	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
405	O	EC277111(168)	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
406	O	EC277062	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
407	O	EC277059	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
408	O	EC277044	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
409	O	EC277006	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
410	O	EC276987	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
411	O	EC276983	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
412	O	EC276957	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
413	O	EC276925	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
414	O	EC276912	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
415	O	EC276889(2426)	<i>T.aestivum</i>	MS	S	R	R	R	1988	MEXICO	<i>NA</i>
416	O	EC276881	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
417	O	EC276858	<i>T.aestivum</i>	<20S	MS	R	R	R	1988	MEXICO	<i>NA</i>
418	O	EC276854	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
419	O	EC276804	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
420	O	EC276801	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
421	O	EC276792	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
422	O	EC276772	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
423	O	EC276771	<i>T.durum</i>	R	MR	R	R	R	1988	MEXICO	<i>NA</i>
424	O	EC276761	<i>T.aestivum</i>	MS	MS	R	R	R	1988	MEXICO	<i>NA</i>
425	O	EC276761	<i>T.aestivum</i>	MS	MS	R	R	R	1988	MEXICO	<i>NA</i>
426	O	EC276755(3057)	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
427	O	EC276755(2399)	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
428	O	EC276741	<i>T.durum</i>	<20S	S	R	R	R	1988	MEXICO	<i>NA</i>
429	O	EC276739	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
430	O	EC276731	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
431	O	EC276715	<i>T.durum</i>	MS	S	R	R	R	1988	MEXICO	<i>NA</i>
432	O	EC276693	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
433	O	EC276677	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
434	O	EC276670	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
435	O	EC276663(2499)	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
436	O	EC276662	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
437	O	EC276646	<i>T.durum</i>	R	R	R	R	R	1988	MEXICO	<i>NA</i>
438	O	EC218001	<i>T.aestivum</i>	R	MS	R	R	R	2012	USA	<i>NA</i>
439	O	EC217993	<i>T.aestivum</i>	R	S	R	R	R	1987	USA	<i>Lr22aLr46Lr67Yr5Yr15Yr48Sr13</i>
440	O	EC217987	<i>T.aestivum</i>	R	MS	R	R	R	2012	USA	<i>NA</i>
441	O	EC1780711	<i>T.aestivum</i>	MS	MS	R	R	R	NA	NA	<i>NA</i>
442	O	EC177849	<i>T.aestivum</i>	MS	MS	R	R	R	1986	MEXICO	<i>NA</i>
443	O	EC13624	<i>T.aestivum</i>	R	MS	R	R	R	1958	ITALY	<i>NA</i>
444	O	EC11407	<i>T.aestivum</i>	R	S	R	R	R	1956	USA	<i>Lr22aLr32Lr46Lr50Lr67Lr68Yr15Yr36Yr48Sr2Sr13Sr24</i>
445	O	EC11163	<i>T.aestivum</i>	R	S	R	R	R	1956	USA	<i>Lr22aLr37Lr46Yr5Yr15Yr48Sr13</i>
446	O	EC11159	<i>T.aestivum</i>	R	MR	R	R	R	1956	USA	<i>Lr19Lr22aLr32Lr50Yr5Yr15Yr36Yr48Sr2</i>

447	N	IC543360	<i>T.aestivum</i>	R	MR	R	R	R	NA	INDIA	<i>NA</i>
448	N	IC542941	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
449	N	IC539532	<i>T.aestivum</i>	R	MS	R	R	R	2005	INDIA	<i>NA</i>
450	N	IC536495	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
451	N	IC536037	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	<i>NA</i>
452	N	IC535336	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
453	N	IC535119	<i>T.dicoccum</i>	R	MR	R	R	R	NA	INDIA	<i>NA</i>
454	N	IC535001	<i>T.aestivum</i>	R	MR	R	R	R	NA	INDIA	<i>NA</i>
455	N	IC533632	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
456	N	IC531465	<i>T.aestivum</i>	MR	S	R	R	R	NA	INDIA	<i>NA</i>
457	N	IC531267	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
458	N	IC529644	<i>T.aestivum</i>	R	MR	R	R	R	2005	INDIA	<i>NA</i>
459	N	IC529353	<i>T.aestivum</i>	R	R	R	R	R	2005	INDIA	<i>NA</i>
460	N	IC529311	<i>T.aestivum</i>	R	R	R	R	R	2005	INDIA	<i>NA</i>
461	N	IC529036	<i>T.aestivum</i>	R	MR	R	R	R	2005	INDIA	<i>NA</i>
462	N	IC529035	<i>T.aestivum</i>	R	MR	R	R	R	2005	INDIA	<i>NA</i>
463	N	IC529030	<i>T.aestivum</i>	R	MR	R	R	R	2005	INDIA	<i>NA</i>
464	N	IC529017	<i>T.aestivum</i>	R	MR	R	R	R	2005	INDIA	<i>NA</i>
465	N	IC528997	<i>T.aestivum</i>	R	R	R	R	R	2005	INDIA	<i>NA</i>
466	N	IC528922	<i>T.aestivum</i>	R	MR	R	R	R	2005	INDIA	<i>NA</i>
467	N	IC49752	<i>T.aestivum</i>	R	MR	R	R	R	NA	INDIA	<i>NA</i>
468	N	IC49606	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
469	N	IC41877	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
470	N	IC406690	<i>T.aestivum</i>	R	MS	R	R	R	2003	INDIA	<i>NA</i>
471	N	IC402025	<i>T.aestivum</i>	R	MR	R	R	R	NA	INDIA	<i>NA</i>
472	N	IC401998	<i>T.aestivum</i>	R	MR	R	R	R	2004	INDIA	<i>NA</i>
473	N	IC329584	<i>T.aestivum</i>	R	S	R	R	R	2001	INDIA	<i>Lr22aLr37Lr46Lr50Lr68Yr15Yr36Yr48Sr2</i>
474	N	IC296489-FLW-3	<i>T.aestivum</i>	>20S	S	R	R	R	2000	INDIA	<i>NA</i>
475	N	IC24177	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
476	N	IC138910	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
477	N	EC582265	<i>T.aestivum</i>	R	MR	R	R	R	2006	USA	<i>NA</i>
478	N	EC574904	<i>T.aestivum</i>	R	MS	R	R	R	2006	NA	<i>NA</i>
479	N	EC574392	<i>T.aestivum</i>	MR	MS	R	R	R	2006	NA	<i>NA</i>
480	N	EC556495	<i>T.aestivum</i>	R	MS	R	R	R	2005	AUSTRALIA	<i>NA</i>
481	N	EC534535	<i>T.aestivum</i>	R	S	R	R	R	2003	USA	<i>NA</i>
482	N	EC483033	<i>T.aestivum</i>	R	S	R	R	R	2001	MEXICO	<i>NA</i>
483	N	EC483024	<i>T.aestivum</i>	R	S	R	R	R	2001	MEXICO	<i>NA</i>
484	N	EC444925	<i>T.durum</i>	R	MS	R	R	R	1999	MEXICO	<i>NA</i>
485	N	EC415825	<i>T.aestivum</i>	R	S	R	R	R	1998	USA	<i>NA</i>
486	N	EC299244	<i>T.durum</i>	R	S	R	R	R	1989	SYRIA	<i>NA</i>
487	N	EC299236	<i>T.durum</i>	R	S	R	R	R	1989	SYRIA	<i>NA</i>
488	N	EC277080	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
489	N	EC277060	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
490	N	EC276982	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
491	N	EC175090	<i>T.aestivum</i>	MS	MS	R	R	R	NA	NA	<i>NA</i>
492	BR	IC549485	<i>T.durum</i>	R	MS	R	R	R	2006	INDIA	<i>NA</i>
493	BR	IC543416	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
494	BR	IC543413	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
495	BR	IC543403	<i>T.aestivum</i>	MS	MS	R	R	R	NA	INDIA	<i>NA</i>
496	BR	IC543040(4322)	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	<i>NA</i>
497	BR	IC543031	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	<i>NA</i>

498	BR	IC542845	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	<i>NA</i>
499	BR	IC536042	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
500	BR	IC536041	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	<i>NA</i>
501	BR	IC536039(4315)	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	<i>NA</i>
502	BR	IC536039(2244)	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	<i>NA</i>
503	BR	IC536030	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
504	BR	IC535786	<i>T.durum</i>	MS	MS	R	R	R	NA	INDIA	<i>NA</i>
505	BR	IC533686	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
506	BR	IC533685	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	<i>NA</i>
507	BR	IC533682	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>
508	BR	IC470829-RNB1001	<i>T.aestivum</i>	>20S	NULL	R	R	R	2005	INDIA	<i>NA</i>
509	BR	IC445507	<i>T.aestivum</i>	R	MS	R	R	R	2004	INDIA	<i>NA</i>
510	BR	IC443689	<i>T.aestivum</i>	R	S	R	R	R	2004	INDIA	<i>NA</i>
511	BR	IC416364	<i>T.durum</i>	R	MR	R	R	R	2003	INDIA	<i>Lr22aLr46Lr50Yr5Yr15Yr36Yr48Sr13</i>
512	BR	IC416095	<i>T.aestivum</i>	R	S	R	R	R	2003	INDIA	<i>Lr22aLr37Lr46Lr50Yr5Yr15Yr36Yr48</i>
513	BR	IC415887	<i>T.aestivum</i>	R	S	R	R	R	2003	INDIA	<i>Lr22aLr37Lr50Lr67Yr5Yr15Yr36Yr48Sr2</i>
514	BR	IC296491-FLW-5	<i>T.aestivum</i>	>20S	S	R	R	R	2000	INDIA	<i>Lr22aLr32Lr46Lr50Yr15Yr36Yr48Sr13</i>
515	BR	EC592964	<i>T.durum</i>	R	MR	R	R	R	2006	MEXICO	<i>NA</i>
516	BR	EC592963	<i>T.durum</i>	R	MS	R	R	R	2006	MEXICO	<i>NA</i>
517	BR	EC575367	<i>T.durum</i>	MS	S	R	R	R	2006	NA	<i>Lr19Lr22aLr46Lr68Yr15Yr36Yr48</i>
518	BR	EC575366	<i>T.aestivum</i>	MS	MS	R	R	R	2006	NA	<i>Lr22aLr34Lr46Lr50Yr15Yr36Sr13</i>
519	BR	EC575360	<i>T.aestivum</i>	MS	MS	R	R	R	2006	NA	<i>Lr22aLr37Lr46Yr15Yr36Yr48Sr13</i>
520	BR	EC575358	<i>T.aestivum</i>	MS	S	R	R	R	2006	NA	<i>Lr19Lr22aLr37Lr46Lr50Yr5Yr15Yr48Sr2</i>
521	BR	EC574765	<i>T.durum</i>	MR	S	R	R	R	2006	NA	<i>Lr22aLr32Lr46Sr13</i>
522	BR	EC574394	<i>T.durum</i>	R	S	R	R	R	2006	NA	<i>Lr22aLr67Lr68Yr5Yr15Yr48Sr2</i>
523	BR	EC573647	<i>T.aestivum</i>	R	MS	R	R	R	2006	NA	<i>Lr19Lr22aLr46Lr50Lr67Lr68Yr15Yr48Sr13</i>
524	BR	EC445357	<i>T.durum</i>	R	MR	R	R	R	1999	MEXICO	<i>NA</i>
525	BR	EC445280	<i>T.durum</i>	R	MS	R	R	R	1999	MEXICO	<i>Lr22aLr37Lr50Yr5Yr15Yr36Yr48Sr2Sr13</i>
526	BR	EC445261	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	<i>Lr22aLr46Sr2</i>
527	BR	EC445209	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	<i>Lr19Lr22aLr32Lr46Lr50Yr5Yr36Yr48</i>
528	BR	EC445104	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	<i>NA</i>
529	BR	EC444817	<i>T.durum</i>	R	S	R	R	R	1999	MEXICO	<i>Lr22aLr46Lr50Yr5Yr15Yr48</i>
530	BR	EC277211	<i>T.durum</i>	R	MR	R	R	R	1988	MEXICO	<i>Lr19Lr22aLr32Lr46Yr5Yr15Yr36Yr48Sr2Sr13</i>
531	BR	EC277164(170)	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>NA</i>
532	BR	EC277109	<i>T.aestivum</i>	MS	MS	R	R	R	1988	MEXICO	<i>Lr22aLr32Lr50Yr5Yr15Yr48Sr2</i>
533	BR	EC277107	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>Lr19Lr22aLr32Lr46Yr5Yr15Yr36Yr48Sr2Sr13</i>
534	BR	EC277072	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>Lr22aLr46Lr50Lr68Yr5Yr15Yr36Yr48Sr2Sr13</i>
535	BR	EC277015	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>Lr22aLr46Lr50Yr15Yr48Sr2Sr13</i>
536	BR	EC277012	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>Lr22aLr32Lr37Lr46Lr50Yr5Yr15Yr36Yr48Sr2</i>
537	BR	EC276988(3088)	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
538	BR	EC276889(3081)	<i>T.aestivum</i>	MS	S	R	R	R	1988	MEXICO	<i>NA</i>
539	BR	EC276857	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>Lr22aLr32Yr5Yr15Yr36Yr48Sr2Sr13</i>
540	BR	EC276812	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	<i>Lr19Lr22aLr32Lr46Lr50Yr5Yr15Yr36Yr48Sr2Sr13</i>
541	BR	EC276769	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	<i>Lr19Lr22aLr32Lr46Lr50Yr15Yr36Yr48</i>
542	BR	EC276700	<i>T.durum</i>	MS	MS	R	R	R	1988	MEXICO	<i>Lr19Lr22aLr46Lr50Yr15Yr36Yr48Sr13</i>
543	BR	EC276695	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>Lr22aLr32Lr37Lr46Yr5Yr15Yr36Yr48Sr2Sr13</i>
544	BR	EC276687	<i>T.durum</i>	MS	MS	R	R	R	1988	MEXICO	<i>Lr19Lr22aLr32Yr5Yr15Yr36Yr48Sr2</i>
545	BR	EC276663(2378)	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	<i>NA</i>
546	BR	EC272948	<i>T.durum</i>	MS	MS	R	R	R	NA	NA	<i>Lr22aLr32Lr46Lr50Yr48</i>
547	B	IC547638	<i>T.aestivum</i>	R	S	R	R	R	2006	INDIA	<i>NA</i>
548	B	IC543406	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	<i>NA</i>

549	B	IC543240	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
550	B	IC543156	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
551	B	IC542856	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
552	B	IC542783	<i>T.durum</i>	MS	MS	R	R	R	NA	INDIA	NA
553	B	IC542684	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
554	B	IC542682	<i>T.durum</i>	MS	MS	R	R	R	NA	INDIA	NA
555	B	IC542643	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
556	B	IC542596	<i>T.durum</i>	R	MS	R	R	R	NA	INDIA	NA
557	B	IC542418	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
558	B	IC542125	<i>T.durum</i>	R	MR	R	R	R	NA	INDIA	NA
559	B	IC542060	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	NA
560	B	IC539345	<i>T.aestivum</i>	MS	MS	R	R	R	2005	INDIA	NA
561	B	IC536031	<i>T.durum</i>	MS	S	R	R	R	NA	INDIA	NA
562	B	IC535833	<i>T.durum</i>	<20S	S	R	R	R	NA	INDIA	NA
563	B	IC535730	<i>T.durum</i>	R	S	R	R	R	NA	INDIA	NA
564	B	IC535185	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	NA
565	B	IC534494	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	NA
566	B	IC533949	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	NA
567	B	IC533947	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	NA
568	B	IC533709	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	NA
569	B	IC533695	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	NA
570	B	IC533683	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	NA
571	B	IC533681	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	NA
572	B	IC533679	<i>T.aestivum</i>	R	MS	R	R	R	NA	INDIA	NA
573	B	IC531274	<i>T.aestivum</i>	R	S	R	R	R	1999	INDIA	Lr19Lr22aLr46Yr5Yr15Yr36Yr48Sr2Sr13
574	B	IC531136	<i>T.aestivum</i>	R	S	R	R	R	NA	INDIA	NA
575	B	IC470826-FLW-12	<i>T.aestivum</i>	<20S	NULL	R	R	R	2005	INDIA	NA
576	B	IC445512	<i>T.aestivum</i>	R	MS	R	R	R	2004	INDIA	NA
577	B	IC416330	<i>T.durum</i>	R	S	R	R	R	2003	INDIA	Lr19Lr22aLr46Lr50Yr5Yr15Yr36Yr48Sr13
578	B	IC416267	<i>T.aestivum</i>	R	S	R	R	R	2003	INDIA	NA
579	B	IC416203	<i>T.aestivum</i>	R	S	R	R	R	2003	INDIA	Lr22aLr32Lr46Yr5Yr15Yr48Sr2Sr13
580	B	IC416133	<i>T.aestivum</i>	R	S	R	R	R	2003	INDIA	Lr22aLr32Lr46Lr50Yr5Yr15Yr36Yr48Sr2
581	B	IC416093	<i>T.aestivum</i>	R	MS	R	R	R	2003	INDIA	Lr19Lr22aLr32Lr37Lr46Lr50Yr5Yr15Yr36Yr48
582	B	IC416034	<i>T.aestivum</i>	R	MS	R	R	R	2003	INDIA	Lr19Lr22aLr32Lr37Lr46Yr5Yr15Yr48Sr2
583	B	IC416033	<i>T.aestivum</i>	R	S	R	R	R	2003	INDIA	Lr19Lr22aLr37Lr46Lr50Yr5Yr15Yr36Yr48
584	B	IC415953	<i>T.aestivum</i>	R	S	R	R	R	2003	INDIA	Lr22aLr46Yr15Yr36Yr48Sr2Sr13
585	B	IC415906	<i>T.aestivum</i>	MS	MS	R	R	R	2003	INDIA	Lr19Lr22aLr37Lr46Lr50Yr5Yr15Yr36Yr48Sr2Sr13
586	B	IC415880	<i>T.aestivum</i>	R	S	R	R	R	2003	INDIA	Lr22aLr37Lr46Yr5Yr15Yr48Sr2Sr13
587	B	IC401966	<i>T.aestivum</i>	R	MS	R	R	R	2004	INDIA	NA
588	B	IC35161	<i>T.durum</i>	R	NULL	R	R	R	1979	INDIA	Lr34Lr37Lr46Yr15Yr48Sr2
589	B	IC335729	<i>T.aestivum</i>	R	MS	R	R	R	2002	INDIA	Lr19Lr22aLr34Lr37Lr46Lr67Yr5Yr15Yr36Yr48Sr13Sr24
590	B	IC296487-FLW-1	<i>T.aestivum</i>	<20S	S	R	R	R	2000	INDIA	Lr19Lr22aLr46Lr68Yr5Yr15Yr36Yr48
591	B	IC278681	<i>T.aestivum</i>	R	S	R	R	R	2000	INDIA	NA
592	B	IC240799	<i>T.aestivum</i>	R	S	R	R	R	1999	INDIA	Lr22aLr32Lr46Lr50Yr5Yr15Yr36Yr48Sr2Sr13
593	B	EC609582	<i>T.aestivum</i>	R	S	R	R	R	2007	AUSTRALIA	NA
594	B	EC578080	<i>T.aestivum</i>	R	MS	R	R	R	2006	NA	NA
595	B	EC577423	<i>T.durum</i>	R	S	R	R	R	2006	NA	NA
596	B	EC577415	<i>T.durum</i>	MS	MS	R	R	R	2006	NA	NA
597	B	EC575184	<i>T.aestivum</i>	MS	S	R	R	R	2006	NA	NA
598	B	EC575065	<i>T.aestivum</i>	R	MS	R	R	R	2006	NA	NA
599	B	EC575064	<i>T.aestivum</i>	R	MS	R	R	R	2006	NA	NA

600	B	EC574902	<i>T.aestivum</i>	R	MS	R	R	R	2006	NA	NA
601	B	EC574763	<i>T.durum</i>	R	S	R	R	R	2006	NA	NA
602	B	EC574342	<i>T.aestivum</i>	MS	MS	R	R	R	2006	NA	NA
603	B	EC574205	<i>T.aestivum</i>	MS	MS	R	R	R	2006	NA	NA
604	B	EC573864	<i>T.aestivum</i>	MS	MS	R	R	R	2006	NA	NA
605	B	EC573858	<i>T.aestivum</i>	MR	S	R	R	R	2006	NA	NA
606	B	EC573812	<i>T.aestivum</i>	MS	MR	R	R	R	2006	NA	NA
607	B	EC534565	<i>T.aestivum</i>	R	S	R	R	R	2003	USA	NA
608	B	EC534513	<i>T.aestivum</i>	R	S	R	R	R	2003	USA	NA
609	B	EC534505	<i>T.aestivum</i>	R	S	R	R	R	2003	USA	NA
610	B	EC534452	<i>T.aestivum</i>	MS	S	R	R	R	2003	USA	NA
611	B	EC498427	<i>T.aestivum</i>	MS	S	R	R	R	2002	MEXICO	NA
612	B	EC483029	<i>T.aestivum</i>	R	S	R	R	R	2001	MEXICO	NA
613	B	EC445293	<i>T.durum</i>	R	MS	R	R	R	1999	MEXICO	NA
614	B	EC445197	<i>T.durum</i>	R	MR	R	R	R	1999	MEXICO	NA
615	B	EC380620	<i>T.aestivum</i>	R	MS	R	R	R	NA	NA	NA
616	B	EC339599	<i>T.aestivum</i>	R	MR	R	R	R	1992	USA	NA
617	B	EC277359	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	NA
618	B	EC277314	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	NA
619	B	EC277301	<i>T.durum</i>	<20S	S	R	R	R	1988	MEXICO	NA
620	B	EC277247	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	NA
621	B	EC277229	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	NA
622	B	EC277182	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	NA
623	B	EC277155	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	NA
624	B	EC277126	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	NA
625	B	EC277096	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	NA
626	B	EC277039(3096)	<i>T.aestivum</i>	MS	S	R	R	R	1988	MEXICO	NA
627	B	EC277039(2439)	<i>T.aestivum</i>	MS	S	R	R	R	1988	MEXICO	NA
628	B	EC277013	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	NA
629	B	EC277009	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	NA
630	B	EC277002	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	NA
631	B	EC276997	<i>T.durum</i>	MS	MS	R	R	R	1988	MEXICO	NA
632	B	EC276987	<i>T.aestivum</i>	R	MS	R	R	R	1988	MEXICO	NA
633	B	EC276920	<i>T.aestivum</i>	MS	S	R	R	R	1988	MEXICO	NA
634	B	EC276814	<i>T.durum</i>	MS	MS	R	R	R	1988	MEXICO	NA
635	B	EC276748	<i>T.aestivum</i>	R	S	R	R	R	1988	MEXICO	NA
636	B	EC276746	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	NA
637	B	EC276745	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	NA
638	B	EC276696	<i>T.durum</i>	R	MS	R	R	R	1988	MEXICO	NA
639	B	EC276682	<i>T.durum</i>	R	S	R	R	R	1988	MEXICO	NA

640	YB	IC296426-D-482	<i>T.aestivum</i>	NA	NA	MISSING	R	MISSING	2000	INDIA	Lr19Lr22aLr46Lr50Sr13
641	B	IC296427-D-873	<i>T.aestivum</i>	NA	NA	MISSING	R	MISSING	2000	INDIA	Lr19Lr22aLr46Yr15Yr48
642	O	IC296431-VL798	<i>T.aestivum</i>	NA	NA	MISSING	R	MISSING	2000	INDIA	Lr19Lr22aLr34Lr46Lr50Yr5Yr15Yr48Sr24
643	O	IC296480-VL639	<i>T.aestivum</i>	NA	NA	MISSING	R	>20S	2000	INDIA	Lr19Lr22aLr46Lr68Yr36Yr48Sr13Sr24
644	O	IC309871-KBRL10	<i>T.aestivum</i>	NA	NA	MISSING	R	MISSING	2000	INDIA	Lr22aLr34Lr37Lr46Lr50Yr15Yr36Yr48
645	O	IC309872-KBRL13	<i>T.aestivum</i>	NA	NA	MISSING	R	MISSING	2000	INDIA	Lr19Lr22aLr32Lr46Lr50Yr15Yr36Yr48Sr2Sr13
646	O	IC309873-KBRL22	<i>T.aestivum</i>	NA	NA	MISSING	R	MISSING	2000	INDIA	Lr19Lr22aLr32Lr37Lr46Lr50Yr15Yr36Yr48Sr13
647	O	IC296743-HALNA	<i>T.aestivum</i>	NA	NA	MISSING	R	MISSING	2000	INDIA	Lr22aLr46Lr50Lr67Lr68Yr5Yr15Yr48Sr2
648	O	IC408331-KRL34	<i>T.aestivum</i>	NA	NA	MISSING	R	>20S	2003	INDIA	NA
649	O	IC443619-WC-F8-W1	<i>T.aestivum</i>	NA	NA	>20S	R	>20S	2004	INDIA	NA

650	O	IC443622-WC-F8-HT	<i>T.aestivum</i>	NA	NA	MISSING	R	>20S	2004	INDIA	<i>NA</i>
651	BR	IC548327-FLW-20	<i>T.aestivum</i>	NA	NA	MISSING	R	MISSING	2006	INDIA	<i>NA</i>
652	B	IC546937-WH730	<i>T.aestivum</i>	NA	NA	MISSING	R	>20S	2006	INDIA	<i>NA</i>
653	R	IC582907-AKW3717	<i>T.aestivum</i>	NA	NA	MISSING	R	MISSING	NA	INDIA	<i>NA</i>
654	O	IC535008	<i>T.aestivum</i>	NA	NA	>20S	R	R	NA	INDIA	<i>NA</i>
655	O	IC29007A-HTW6	<i>T.aestivum</i>	NA	NA	NA	NA	NA	1977	INDIA	<i>Lr19Lr22aLr34Lr46Lr68Yr48Sr13</i>
656	O	IC035117-HTW11	<i>T.durum</i>	NA	NA	NA	NA	NA	1979	INDIA	<i>Lr22aLr32Lr46Yr5Yr15Yr36Yr48Sr2Sr13</i>
657	R	IC296446	<i>T.durum</i>	NA	NA	NA	NA	NA	2000	INDIA	<i>NA</i>
658	N	IC296488-FLW-2	<i>T.aestivum</i>	NA	NA	NA	NA	NA	2000	INDIA	<i>NA</i>
659	BR	IC470828-FLW-28	<i>T.aestivum</i>	NA	NA	NA	NA	NA	2005	INDIA	<i>NA</i>