

Annex 3. The list of germplasm for exchange and project association mapping study.

18ENTR Y	COUNTRY	LOCAL NAME	17NURSERY	17EN TRY
1		LOCAL CHECK		
2	TURKEY	CAM BUGDAYI (KIRMIZI)	17LRACE-INTR-TUR	1
3	TURKEY	AGSUNTERI	17LRACE-INTR-TUR	2
4	TURKEY	CAM BUGDAYI (BEYAZ)	17LRACE-INTR-TUR	4
5	TURKEY	AKBUGDAY	17LRACE-INTR-TUR	6
6	TURKEY	ORMECE	17LRACE-INTR-TUR	8
7	TURKEY	CALIBASAN	17LRACE-INTR-TUR	9
8	TURKEY	ORMECE	17LRACE-INTR-TUR	10
9	TURKEY	AGBUGDAY	17LRACE-INTR-TUR	12
10	TURKEY	KUNDURU	17LRACE-INTR-TUR	14
11	TURKEY	CAKMAK	17LRACE-INTR-TUR	15
12	TURKEY	CAKMAK	17LRACE-INTR-TUR	17
13	TURKEY	KUNDURU	17LRACE-INTR-TUR	18
14	TURKEY	SIVEREK	17LRACE-INTR-TUR	20
15	TURKEY	CIRPUZ	17LRACE-INTR-TUR	21
16	TURKEY	KIRMIZI KUNDURU	17LRACE-INTR-TUR	23
17	TURKEY	KIRMIZI KUNDURU	17LRACE-INTR-TUR	24
18	TURKEY	CIRPUZ	17LRACE-INTR-TUR	25
19	TURKEY	AKBUGDAY	17LRACE-INTR-TUR	26
20		LOCAL CHECK		
21	TURKEY	CIRPUZ	17LRACE-INTR-TUR	28
22	TURKEY	GODEREDI	17LRACE-INTR-TUR	30
23	TURKEY	AKYARNAZ	17LRACE-INTR-TUR	33
24	TURKEY	KIRMIZI BUĞDAY	17LRACE-INTR-TUR	34
25	TURKEY	KIRMIZI BUĞDAY	17LRACE-INTR-TUR	35
26	TURKEY	SORGÜL	17LRACE-INTR-TUR	36
27	TURKEY	HINTA	17LRACE-INTR-TUR	37
28	TURKEY	ZINEBE	17LRACE-INTR-TUR	38
29	TURKEY	SORİK	17LRACE-INTR-TUR	39
30	TURKEY	HACIALİ	17LRACE-INTR-TUR	40
31	TURKEY	HACIALİ	17LRACE-INTR-TUR	41
32	TURKEY	HACIALİ	17LRACE-INTR-TUR	42
33	TURKEY	ŞERGÜN	17LRACE-INTR-TUR	43
34	TURKEY	KIRMIZI BUĞDAY	17LRACE-INTR-TUR	44
35	TURKEY	SORGÜL	17LRACE-INTR-TUR	45
36	IRAN	Khosheh Qermez	17LRACE-DARI	1
37	IRAN	White Spike	17LRACE-DARI	2
38	IRAN	Khosheh Ablaq	17LRACE-DARI	3
39	IRAN	Qzil Khosheh	17LRACE-DARI	4
40		LOCAL CHECK		
41	IRAN	Siahdaneh	17LRACE-DARI	8
42	IRAN	Sardari biotype	17LRACE-DARI	16
43	IRAN	Sardari biotype	17LRACE-DARI	17

44	IRAN	Sardari biotype	17LRACE-DARI	18
45	IRAN	Sardari biotype	17LRACE-DARI	19
46	IRAN	Sardari biotype	17LRACE-DARI	21
47	IRAN	Sardari biotype	17LRACE-DARI	22
48	IRAN	Sardari biotype	17LRACE-DARI	23
49	IRAN	Sardari biotype	17LRACE-DARI	24
50	IRAN	Sardari biotype	17LRACE-DARI	25
51	IRAN	Sardari biotype	17LRACE-DARI	26
52	IRAN	Sardari biotype	17LRACE-DARI	27
53	IRAN	Sardari biotype	17LRACE-DARI	28
54	IRAN	Sardari biotype	17LRACE-DARI	29
55	IRAN	Sardari biotype	17LRACE-DARI	30
56	AFGANISTAN	Attaye	17LRACE-AFG-ERZ	1
57	AFGANISTAN	Surkhak Mahali	17LRACE-AFG-ERZ	2
58	AFGANISTAN	Kalak Bor Khosha	17LRACE-AFG-ERZ	3
59	AFGANISTAN	Safedak Kalak Bedon_e_ Dasa	17LRACE-AFG-ERZ	4
60		LOCAL CHECK		
61	AFGANISTAN	Omid Bedon_e_ Dasa	17LRACE-AFG-ERZ	5
62	AFGANISTAN	Omid Sorkh Khosha Bedon_e_ Dasah	17LRACE-AFG-ERZ	6
63	AFGANISTAN	Lalmi Safedak	17LRACE-AFG-ERZ	7
64	AFGANISTAN	Kalak Robot Sangi	17LRACE-AFG-ERZ	8
65	AFGANISTAN	Zardcha Kalak Robot Sangi	17LRACE-AFG-ERZ	9
66	AFGANISTAN	Lalmi Bor Khosha	17LRACE-AFG-ERZ	10
67	AFGANISTAN	Dandan Shotur	17LRACE-AFG-ERZ	11
68	AFGANISTAN	Shanaze	17LRACE-AFG-ERZ	12
69	AFGANISTAN	Dandan	17LRACE-AFG-ERZ	13
70	AFGANISTAN	Roshan Safed Khosha	17LRACE-AFG-ERZ	14
71	AFGANISTAN	Omid Kalak Robot Sangi	17LRACE-AFG-ERZ	15
72	AFGANISTAN	Sorkhak watani Lalmi	17LRACE-AFG-ERZ	16
73	AFGANISTAN	Nesh Shotor	17LRACE-AFG-ERZ	17
74	AFGANISTAN	Kalak	17LRACE-AFG-ERZ	18
75	AFGANISTAN	Kalak Sorkh khosha	17LRACE-AFG-ERZ	19
76	AFGANISTAN	Saffroni	17LRACE-AFG-ERZ	20
77		GEREK	20IWWYT-SA	9901
78	TCI-ESK	MUFITBEY	20IWWYT-SA	9902
79	TR-KON	KARAHAN-99	20IWWYT-SA	9903
80		LOCAL CHECK		
81	TCI-ESK	SONMEZ01	20IWWYT-SA	9904
82	TCI-ESK	NACIBEY	20IWWYT-SA	9905
83	TCI	TEMPORALERAM87*2/4/HD2281/TRAP#1/3/KAUZ*2/TRAP//KAUZ/5/STEKLOVIDNAYA24/6/F10S-1//STOZHER/KARL	20IWWYT-SA	9907
84	TCI	STAR/BWD//ATAY/GALVEZ87	20IWWYT-SA	9908
85	TCI	ES14/SITTA//AGRI/NAC/5/TRAP#1/YACO/3/KAUZ*2/TRAP//KAUZ/4/KINACI9127/ID800994.W/FALKE	20IWWYT-SA	9909
86	TCI	ND643/2*WAXWING/4/TAM200/KAUZ/3/AGRI/BJY//VEE	20IWWYT-SA	9910
87	TCI	ZANDER-17//SAULESKU#26/PARUS	20IWWYT-SA	9911
88	MX-TCI	DE9//INQALAB 91*2/TUKURU/3/308.02.2/WEAVER//362K2.121	20IWWYT-SA	9912

89	TCI	BILINMIYEN96.55/7/ZCL/3/PGFN//CNO67/SN64/4/SERI/5/UA.28 37/6/ATTILA/3*BCN	20IWWYT-SA	9913
90	TCI	CA8055/4/ROMTAST/BON/3/DIBO//SU92/CI13645/5/AGRI/BJY/ /VEES/6/KS9468/NWT//ARKAN/3/PASTOR/7/YE2453//PPBB68/ CHRC	20IWWYT-SA	9914
91	TCI	KS00F5-14-7/EUREKA//ZARGANA-4	20IWWYT-SA	9915
92	US-OK-TCI	SHARK/F4105W2.1//CHAKINSKAYA306	20IWWYT-SA	9916
93	TCI	SULTAN95/ATILLA//ZARGANA-6	20IWWYT-SA	9917
94	TCI	VORONA//PRL/VEE#6/3/KAUZ/3/*2/YACO//KAUZ//PANTHEON/ BLUEGIL-2	20IWWYT-SA	9918
95	TCI	VORONA//MILAN/SHA7/3/MV17/4/ATAY/GALVEZ87//SHARK-1	20IWWYT-SA	9919
96	TCI	TAM200/3/F60314.76/MRL//CNO79/4/84.40022/5/AGRI/NAC// KAUZ/3/1D13.1	20IWWYT-SA	9920
97	MX	GRK79//PBW343*2/KUKUNA	20IWWYT-SA	9921
98	MX	SANZAR-8/TUKURU	20IWWYT-SA	9922
99	MX	SPARTANKA//PBW343*2/KUKUNA	20IWWYT-SA	9923
100		LOCAL CHECK		
101	MX	KARLYGASH*2/TUKURU	20IWWYT-SA	9924
102	IR-DARI	AZAR2/78ZHONG291-64	20IWWYT-SA	9925
103	US-KS	KS010567-4-2/KS980512-11	20IWWYT-SA	9926
104	US-KS	FULLER/OVERLEY//KS980554-12~9	20IWWYT-SA	9927
105	US-KS	ARS97135-9/O3A-B4//KS0603A~49	20IWWYT-SA	9928
106	US-KS	X031102-6-4/OK00611W//KS98W0512-2~4	20IWWYT-SA	9929
107	US-KS	OCW00M618S-2B/KS020482TM~3//NUHILLS	20IWWYT-SA	9930
108	U.S.A	CO050337-2/BYRD	20IWWYT-SA	9931
109	US-KS	ARS97135-9/O3A-B4//KS0603A~49	20IWWYT-SA	9932
110	US-KS	OR1/SANTA FE/3/OVERLEY*3/AMADINA//KS990011~27	20IWWYT-SA	9933
111	US-KS	KS061860M-3	20IWWYT-SA	9934
112	US-KS	KS080448*C-102	20IWWYT-SA	9935
113	US-KS	KS090120C*-25	20IWWYT-SA	9936
114	RUS	BEZOSTAYA	21IWWYT-IRR	9801
115	TUR	KINACI-97	21IWWYT-IRR	9802
116	TR-EDR	KATE A-1	21IWWYT-IRR	9803
117	TR-KON	KONYA 2002	21IWWYT-IRR	9804
118	TCI	MT0419/DESTIN//BONITO-36	21IWWYT-IRR	9806
119	TCI	T88/2180//T811//KRISTADORA/3/SHARK/F4105W2.1	21IWWYT-IRR	9807
120		LOCAL CHECK		
121	TCI	B1551-WH/KS94U326/3/F10S-1//STOZHER/KARL/4/F10S- 1//STOZHER/KARL	21IWWYT-IRR	9808
122	TCI	AGRI/NAC//KAUZ/3/1D13.1/MLT/4/ATAY/GALVEZ87//SHARK-1	21IWWYT-IRR	9809
123	USA-COL-TCI	HATCHER/KS03HW12-1//NUDAKOTA	21IWWYT-IRR	9810
124	TCI	F4141-W-1- 1/PASTOR//PYN/BAU/4/VORONA//MILAN/SHA7/3/MV17/5/DO RADE-5	21IWWYT-IRR	9811
125	MX-TCI	TAM200*2/MO88//KAMB1*2/KUKUNA/3/SW89-3218/VORONA	21IWWYT-IRR	9812
126	TCI	ORH010083/AHMETAGA	21IWWYT-IRR	9813
127	TCI	ESKINA-7/3/NEMURA/CRDN//78014-40	21IWWYT-IRR	9814

128	TCI	BABAX/LR42//BABAX*2/3/VIVITSI/4/AGRI/NAC//ATTILA	21IWWYT-IRR	9815
129	TCI	38IBWSN-97/DESTIN	21IWWYT-IRR	9816
130	TCI	BABAX/LR42//BABAX*2/3/KURUKU/4/TX96V2427	21IWWYT-IRR	9817
131	TCI	PYN*2/CO725052/3/KAUZ*2/YACO//KAUZ/4/KRIA	21IWWYT-IRR	9818
132	TCI	CROC_1/AE.SQUARROSA(205)//KAUZ/3/LUFER/4/KS97P0630-4-5/CM95560//X920879-C15-1/3/X84W063-9-18/U1324-25-1-	21IWWYT-IRR	9819
133	TCI	T136//T812*2/KARL/3/ZUBKOV/3/AGRI/NAC//ATTILA	21IWWYT-IRR	9820
134	TCI	CITARI-9/MV18-2000//STARSHINA	21IWWYT-IRR	9821
135	TCI	COPPER/7/ZCL/3/PGFN//CNO67/SN64/4/SERI/5/UA.2837/6/ATTILA/3*BCN	21IWWYT-IRR	9822
136	TCI	PANTHEON/BLUEGIL-2/5/AGRI/BJY//VEE/3/BUL6687.12/4/F6038W12.1	21IWWYT-IRR	9823
137	TCI	CMH84.168/4/TAST/SPRW//ZAR/3/ATAY/GALVEZ87	21IWWYT-IRR	9824
138	TCI	TAM200/3/F60314.76/MRL//CNO79/4/84.40022/5/AGRI/NAC//KAUZ/3/1D13.1	21IWWYT-IRR	9825
139	MX	INTENSIVNAYA/KKTS	21IWWYT-IRR	9826
140		LOCAL CHECK		
141	MX	KRASNOVODOPADSKAYA-25//PBW343*2/KUKUNA	21IWWYT-IRR	9827
142	MX	GRK79//INQALAB 91*2/TUKURU	21IWWYT-IRR	9828
143	MX	ALMALY//PBW343/PASTOR	21IWWYT-IRR	9829
144	MX	INTENSIVNAYA/KUKUNA	21IWWYT-IRR	9830
145	ROM	PARTENER	21IWWYT-IRR	9831
146	ROM	RETEZAT	21IWWYT-IRR	9832
147	HUN	MV SED	21IWWYT-IRR	9833
148	HUN	MV NEMERE	21IWWYT-IRR	9834
149	US-KS	ART/KS990494-11-~O//KS06O3A~36	21IWWYT-IRR	9835
150	US-KS	O3A-B8//WBLL 1*2/KUKUN/3/FULLER	21IWWYT-IRR	9836
151	US-KS	FULLER/OVERLEY//KS980554-12-~9	21IWWYT-IRR	9837
152	US-KS	TX00D1390/RONL//KS990159-3-~7	21IWWYT-IRR	9838
153	US-KS	KS061880M-3	21IWWYT-IRR	9839
154	US	T-153	21IWWYT-IRR	9840
155	TURKEY	UVEYIK BUGDAYI	17LRACE-INTR-TUR	3
156	TURKEY	AKBUGDAY	17LRACE-INTR-TUR	5
157	TURKEY	CAM BUGDAYI	17LRACE-INTR-TUR	7
158	TURKEY	ORMECE	17LRACE-INTR-TUR	11
159	TURKEY	POLATLI	17LRACE-INTR-TUR	13
160		LOCAL CHECK		
161	TURKEY	CAKMAK	17LRACE-INTR-TUR	16
162	TURKEY	KUNDURU	17LRACE-INTR-TUR	19
163	TURKEY	CIRPUZ	17LRACE-INTR-TUR	22
164	TURKEY	SIVEREK	17LRACE-INTR-TUR	27
165	TURKEY	CIRPUZ	17LRACE-INTR-TUR	29
166	TURKEY	KILCIKSIZ BUGDAY	17LRACE-INTR-TUR	31
167	TURKEY	KOCA BUGDAY	17LRACE-INTR-TUR	32