

Maize Germplasm Lines(527)

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ID	Lines	SS	NSS	TST	Pedigree	Origin	Subpopulations
1	150	0.3943	0.412	0.1937	Unkown	China	Mixed
2	177	0.1397	0.5795	0.2808	Unkown	China	Mixed
3	238	0.0263	0.9327	0.041	Unkown	China	NSS
4	268	0.008	0.6129	0.3791	(shen5003×U8112) F3×32	China	NSS
5	501	0.001	0.7139	0.2851	Unknown	China	NSS
6	647	0.057	0.405	0.538	Landrace	China	Mixed
7	812	0.8337	0.1633	0.003	Improved from U8112	China	SS
8	832	0.8118	0.1842	0.004	American Single-cross	China	SS
9	1323	0.5355	0.4182	0.0463	Unknown	China	Mixed
10	1462	0.1674	0.6866	0.146	Unkown	China	NSS
11	3411	0.332	0.3097	0.3583	Unknown	China	Mixed
12	4019	0.3664	0.6059	0.0276	G108×G172	China	NSS
13	5213	0.0824	0.4218	0.4958	Improved from Mo17	China	Mixed
14	5237	0.0027	0.7173	0.28	Dan340×HuangZaoSi	China	NSS
15	5311	0.0723	0.6353	0.2923	GuiZhouQingLongWuSuiBai	China	NSS
16	7327	0.0287	0.6757	0.2957	S37×3H-2	China	NSS
17	7381	0.002	0.7107	0.2873	Unknown	China	NSS
18	8902	0.4412	0.1183	0.4405	Ye107×81162	China	Mixed
19	9642	0.5735	0.1607	0.2658	Unkown	China	Mixed
20	9782	0.1167	0.8573	0.026	American Hybrid	China	NSS
21	81162	0.3741	0.4341	0.1917	(AiJin525×Ye107)×106	China	Mixed
22	526018	0.147	0.822	0.031	Unkown	China	NSS
23	04K5672	0.0083	0.4948	0.4968	Landrace	China	Mixed
24	04K5686	0.3955	0.4542	0.1504	Landrace	China	Mixed
25	04K5702	0.0953	0.6	0.3047	Landrace	China	NSS
26	05W002	0.453	0.5387	0.0083	05W002-1	China	Mixed
27	05WN230	0.148	0.5649	0.2871	05WN230-1	China	Mixed
28	07KS4	0.2	0.7773	0.0227	Unknown	China	NSS
29	18-599	0.002	0.772	0.226	American Hybrid P78599	China	NSS
30	303WX	0.3281	0.2421	0.4298	Landrace	China	Mixed
31	384-2	0.19	0.53	0.28	Unknown	China	Mixed
32	3H-2	0.3242	0.3066	0.3692	(WeiDa202×Zi330)×H84	China	Mixed
33	4F1	0.001	0.996	0.003	Improved from Mo17 by	China	NSS
34	7884-4Ht	0.1153	0.5517	0.333	78-6×H84	China	Mixed
35	835a	0.013	0.7352	0.2518	U8112×Ye515	China	NSS
36	835b	0.0203	0.7418	0.2379	U8112×Ye515	China	NSS
37	975-12	0.5877	0.005	0.4073	78698×Dan9046	China	Mixed
38	A619	0.0057	0.9466	0.0477	The University of Illinois, USA	USA	NSS
39	B11	0.057	0.156	0.787	Landrace	China	TST
40	B110	0.621	0.3737	0.0053	BS13(S)C5	China	SS
41	B111	0.0027	0.5497	0.4477	BSSS(R)C9	China	Mixed
42	B113	0.2153	0.5768	0.2079	BS11(FR)C9	China	Mixed
43	B114	0.1861	0.7469	0.067	Pool 41	China	NSS
44	B151	0.3361	0.4508	0.2131	Unkown	China	Mixed
45	B73	0.9993	0.0007	0	BSSS	China	SS
46	B77	0.0773	0.449	0.4737	B77-3	China	Mixed
47	BEM	0.1	0.8693	0.0307	Landrace	China	NSS
48	BGY	0.0417	0.4912	0.4672	Landrace	China	Mixed
49	BK	0.103	0.4462	0.4508	Landrace from Peru	Peru	Mixed
50	BS16	0.1284	0.5408	0.3308	Population BS16	China	Mixed
51	BT1	0.2219	0.1436	0.6345	8085×Thai Hybrid	China	TST

52	By4839	0.0103	0.978	0.0117	BHO	China	NSS
53	By4944	0.0373	0.9367	0.026	BHO	China	NSS
54	By4960	0.002	0.9897	0.0083	BHO	China	NSS
55	By804	0.005	0.9867	0.0083	BHO*	China	NSS
56	By807	0.0057	0.9883	0.006	BHO	China	NSS
57	By809	0.0057	0.9893	0.005	BHO	China	NSS
58	By813	0.0187	0.9743	0.007	BHO	China	NSS
59	By815	0.013	0.98	0.007	BHO	China	NSS
60	By843	0.0723	0.9117	0.016	BHO	China	NSS
61	By855	0.0233	0.947	0.0297	BHO	China	NSS
62	BZN	0.1413	0.7514	0.1073	Landrace	China	NSS
63	C8605	0.3915	0.6045	0.004	Tie7922×Shen5003	China	NSS
64	CA47	0.0883	0.4039	0.5078	pool 33	China	Mixed
65	CF3	0.0387	0.5793	0.382	Unknown	China	Mixed
66	Chang3	0.4665	0.5292	0.0043	Improved from Landrace	China	Mixed
67	Chang7-2	0.492	0.502	0.006	HuangZaoSi×WeiChun	China	Mixed
68	Cheng698	0.2797	0.3037	0.4167	Foreign Hybrid	China	Mixed
69	chuan48-2	0.5365	0.4585	0.005	Synthetic	China	Mixed
70	CI7	0.5577	0.4347	0.0077	The University of Illinois, USA	USA	Mixed
71	CIMBL1	0.12	0.7713	0.1087	derived from BSCB1(R)C9	USA	NSS
72	CIMBL10	0.0483	0.0933	0.8584	((CML 408 / B104) x (CML 411 / B104))-1-1-BB)-B	CIMMY T	TST
73	CIMBL100	0.002	0.1273	0.8707	(LAMA2002-43-2-B)-B	CIMMY	TST
74	CIMBL101	0.0027	0.1602	0.8371	(LAMA2002-46-2-B)-B	CIMMY	TST
75	CIMBL102	0.0067	0.0716	0.9217	(LAMA2002-53-5-B)-B	CIMMY	TST
76	CIMBL103	0.0017	0.0127	0.9857	(LAMA2002-58-4-B)-B	CIMMY	TST
77	CIMBL104	0.0107	0.0227	0.9667	(LAMA2002-60-9-B)-B	CIMMY	TST
78	CIMBL105	0.004	0.076	0.92	(LAMA2002-61-1-B)-B	CIMMY	TST
79	CIMBL106	0.0257	0.0587	0.9156	(MAS[206/312]-23-2-1-1-BBB/[BETASYN]BC1-10-2-1-	CIMMY T	TST
80	CIMBL107	0.0117	0.1093	0.879	(MAS[206/312]-23-2-1-1-BBB/[BETASYN]BC1-11-3-1-	CIMMY T	TST
81	CIMBL108	0.052	0.038	0.91	(MAS[206/312]-23-2-1-1-BBB/[BETASYN]BC1-3-7-1-1-	CIMMY T	TST
82	CIMBL109	0.0077	0.1093	0.883	(MAS[206/312]-23-2-1-1-BBB/[BETASYN]BC1-6-1-1-1-	CIMMY T	TST
83	CIMBL11	0.002	0.005	0.993	((CML150xCML451)-B-33-3-1-BBx(CML176 x CL-G2501)-B-43-1)-B-38-1-2-1-1-B)-B	CIMMY T	TST
84	CIMBL110	0.0097	0.0573	0.933	(MAS[206/312]-23-2-1-1-BBB/[BETASYN]BC1-9-3-1-1-	CIMMY T	TST
85	CIMBL111	0.002	0.0137	0.9843	(MAS[MSR/312]-117-2-2-1-BBB/[BETASYN]BC1-11-5-2-	CIMMY T	TST
86	CIMBL112	0.0137	0.0077	0.9787	(MBR C6 AmF9-2-B-#-3-1-BBBBB)-B	CIMMY T	TST
87	CIMBL113	0.0173	0.0137	0.969	(MIRTC4Am F17-B-2-1-BB)-B	CIMMY	TST
88	CIMBL114	0.0057	0.107	0.8874	(Nei 402025-BBB)-B	CIMMY	TST
89	CIMBL115	0.049	0.051	0.9	(Nei 9008-BBB)-B	CIMMY	TST
90	CIMBL116	0.003	0.0107	0.9863	(OBATANPA-SRc1F3(balbulk1)-#bal/[BETASYN]BC1-54-1-2-	CIMMY T	TST
91	CIMBL117	0.0047	0.2041	0.7913	(OBATANPA-SRc1F3(balbulk1)-	CIMMY T	TST
92	CIMBL118	0.0037	0.006	0.9903	(OBATANPA-SRc1F3(balbulk1)-#bal/[BETASYN]BC1-67-1-2-	CIMMY T	TST

93	CIMBL119	0.0193	0.0297	0.951	(P390Am/CMLc4F253-B-2-2-4-1-BB)-B	CIMMY T	TST
94	CIMBL12	0.0257	0.006	0.9683	((CML150xCML451)-B-33-3-1-BBx(CML176 x CL-G2501)-B-43-1)-B-38-1-2-2-1-B)-B	CIMMY T	TST
95	CIMBL120	0.029	0.0357	0.9353	(P391c2 F22-1-1-2-1-BBB)-B	CIMMY	TST
96	CIMBL121	0.005	0.0877	0.9073	(P591c4 1 y 2 GEN F205-1-1-1-BBB)-B	CIMMY T	TST
97	CIMBL123	0.001	0.0083	0.9907	(P72c1xCML-297 x CL-02410-3-1-1-BBB)-B	CIMMY T	TST
98	CIMBL124	0.0197	0.0143	0.966	(P84c3BcxLine recycle LL TpreAsiAxMIRT F59-2-1-1-1-	CIMMY T	TST
99	CIMBL125	0.0057	0.0063	0.988	(P84c3BcxLLTtardAsiAxMIRTF 41-2-1-2-2-BB)-B	CIMMY T	TST
100	CIMBL126	0.0087	0.0123	0.979	(Pob . 391 C4 F91-1-2-1-BB)-B	CIMMY	TST
101	CIMBL127	0.046	0.087	0.867	(Pop.147-F2#132-1-1-B-2-	CIMMY	TST
102	CIMBL128	0.0307	0.0063	0.963	(Pop.28C9HC113-3-1-4-B*-8-	CIMMY	TST
103	CIMBL129	0.2487	0.216	0.5353	(pop.69 Templado Amarillo QPM -BBB1-6-BBB)-B	CIMMY T	Mixed
104	CIMBL13	0.0223	0.0573	0.9204	((CML285/B104)x(CML288/N C300))-2-1-BB)-B	CIMMY T	TST
105	CIMBL130	0.019	0.1664	0.8146	(pop.70 Templado Amarillo QPM-BBB2-8-BBB)-B	CIMMY T	TST
106	CIMBL131	0.0587	0.042	0.8993	(SAM4(Angola)/[BETASYN]B C1-43-1-1-B)-B	CIMMY T	TST
107	CIMBL132	0.0043	0.1333	0.8623	(SAM4(Angola)/[BETASYN]B C1-56-1-1-BBB)-B	CIMMY T	TST
108	CIMBL133	0.066	0.0227	0.9113	(SAM4(Angola)/[BETASYN]B C1-66-1-3-BBB)-B	CIMMY T	TST
109	CIMBL134	0.0367	0.0067	0.9567	(SAM4(Angola)/[BETASYN]B C1-79-2-3-BB)-B	CIMMY T	TST
110	CIMBL135	0.0477	0.017	0.9353	(SAM4(Angola)/[BETASYN]B C1-82-1-2-BB)-B	CIMMY T	TST
111	CIMBL136	0.022	0.03	0.948	(SRR-C1 SA3MH32-4-3-B-1-1-2-BB)-B	CIMMY T	TST
112	CIMBL137	0.003	0.5578	0.4392	(TX02-1008-3-B)-B	CIMMY	Mixed
113	CIMBL138	0.0564	0.2584	0.6852	(TX03-1004-168-B)-B	CIMMY	TST
114	CIMBL139	0.0037	0.1835	0.8128	(TX03-1004-179-B)-B	CIMMY	TST
115	CIMBL14	0.0083	0.3294	0.6622	((K0326y x Tx806)-6-1-1-1-BB/CML161) x (Tx802/CML161))-1-BBB)-B	CIMMY T	TST
116	CIMBL140	0.004	0.0537	0.9423	(TX03-1004-20-B)-B	CIMMY	TST
117	CIMBL141	0.2631	0.2397	0.4972	(TX03-1004-73-B)-B	CIMMY	Mixed
118	CIMBL142	0.0087	0.2513	0.74	(TX03-1005-15-B)-B	CIMMY	TST
119	CIMBL143	0.0686	0.4002	0.5312	(TX03-1006-22-B)-B	CIMMY	Mixed
120	CIMBL144	0.6384	0.3432	0.0183	(TX03-1007-18-B)-B	CIMMY	SS
121	CIMBL145	0.6482	0.3038	0.048	(TX03-1007-36-B)-B	CIMMY	SS
122	CIMBL146	0.0077	0.5737	0.4187	(TX03-1008-6-B)-B	CIMMY	Mixed
123	CIMBL147	0.002	0.005	0.993	(TX03-1013-186-B)-B	CIMMY	TST
124	CIMBL148	0.0387	0.0323	0.929	(TX03-1013-198-B)-B	CIMMY	TST
125	CIMBL149	0.0726	0.1563	0.7711	(TX03-1013-1-B)-B	CIMMY	TST
126	CIMBL15	0.0323	0.0183	0.9493	((CL-RCY020 x CL-02450)-B-40-1-1-BB)-B	CIMMY T	TST
127	CIMBL150	0.067	0.2923	0.6407	(TX03-1034-46-B)-B	CIMMY	TST
128	CIMBL151	0.0773	0.1236	0.7991	(TX03-1034-63-B)-B	CIMMY	TST
129	CIMBL152	0.0047	0.2374	0.7579	(TX03-1035-55-B)-B	CIMMY	TST
130	CIMBL153	0.0594	0.1394	0.8013	(TX03-1037-3-B)-B	CIMMY	TST

131	CIMBL154	0.002	0.4578	0.5402	(TZI18-BBBB)-B	CIMMY	Mixed
132	CIMBL155	0.083	0.1236	0.7934	(ZM305/[BETASYN]BC1-29-1-1-B)-B	CIMMY T	TST
133	CIMBL156	0.002	0.2243	0.7737	(ZM305/[BETASYN]BC1-58-2-3-B)-B	CIMMY T	TST
134	CIMBL157	0.1257	0.135	0.7393	(ZM305/[BETASYN]BC1-59-1-2-BBB)-B	CIMMY T	TST
135	CIMBL16	0.001	0.047	0.952	((CML 288/NC300)-B-9-B-1-	CIMMY	TST
136	CIMBL17	0.0213	0.1747	0.804	((CML 326/B104)-B-9-BBBB)-	CIMMY	TST
137	CIMBL18	0.0117	0.0103	0.978	((CML161 x CL-02603)-B-22-2-2-1-BBBB)-B	CIMMY T	TST
138	CIMBL19	0.002	0.0327	0.9653	((CML161xCML413)- Bx(CML172 x CML451)-BB-	CIMMY T	TST
139	CIMBL2	0.003	0.007	0.99	Suwan 1	Thailand	TST
140	CIMBL20	0.0083	0.0616	0.93	((CML161xCML413)- Bx(CML172 x CML451)-B-B-	CIMMY T	TST
141	CIMBL21	0.0107	0.006	0.9833	((CML285/NC300)-B-6-	CIMMY	TST
142	CIMBL22	0.002	0.0047	0.9933	((CML454 x CL-02603)-B-20-1-2-BB)-B	CIMMY T	TST
143	CIMBL23	0.0373	0.0157	0.947	((CML454 x CL-02603)-B-7-2-2-BB)-B	CIMMY T	TST
144	CIMBL24	0.0057	0.044	0.9503	((CML454 x CML451)-B-7-3-2-	CIMMY	TST
145	CIMBL25	0.0063	0.0223	0.9713	((CML479/CLQ-RCYQ41)-B-2-1-2-2-1-B)-B	CIMMY T	TST
146	CIMBL26	0.0027	0.0087	0.9887	((CML479/CLQ-RCYQ41)-B-2-1-2-2-2-B)-B	CIMMY T	TST
147	CIMBL27	0.004	0.0133	0.9827	((CML479/CLQ-RCYQ41)-B-3-2-3-4-2-B)-B	CIMMY T	TST
148	CIMBL28	0.015	0.022	0.963	((CML479/CLQ-RCYQ41)-B-53-1-1-2-1-B)-B	CIMMY T	TST
149	CIMBL29	0.004	0.0653	0.9307	((CML481 x CML454)-B-8-1-2-	CIMMY	TST
150	CIMBL3	0.001	0.001	0.998	Suwan 1	Thailand	TST
151	CIMBL30	0.0763	0.5806	0.3431	((KU1409/DE3/KU1409)S2-18-2-BB)-B	CIMMY T	Mixed
152	CIMBL31	0.025	0.0827	0.8923	((KU1409/KU1414-SR/CI187)- S2-10-2-BB)-B	CIMMY T	TST
153	CIMBL32	0.012	0.005	0.983	((KU1409/KU1414- SR/KUI2007)-S2-2-1-BB)-B	CIMMY T	TST
154	CIMBL33	0.0526	0.0257	0.9217	((KU1409/KU1414-SR/KVI11)- S2-10-2-BB)-B	CIMMY T	TST
155	CIMBL34	0.002	0.1647	0.8333	((KU1409/KU1414-SR/KVI3)- S2-3-2-BB)-B	CIMMY T	TST
156	CIMBL35	0.0057	0.0117	0.9827	((KU1409/KU1414-SR/KVI43)- S2-4-2-BB)-B	CIMMY T	TST
157	CIMBL36	0.0564	0.2417	0.7019	((KU1409/KU1414- SR/M162W)-S2-3-1-BB)-B	CIMMY T	TST
158	CIMBL37	0.002	0.1216	0.8764	((KU1409/KU1414-SR/NC350)- S2-1-2-BB)-B	CIMMY T	TST
159	CIMBL38	0.002	0.0063	0.9917	((KU1409/KU1414-SR/SC213)- S2-10-1-BB)-B	CIMMY T	TST
160	CIMBL39	0.0253	0.0927	0.882	((KU1409/KU1414-SR/SC55)- S2-12-1-BB)-B	CIMMY T	TST
161	CIMBL4	0.001	0.0017	0.9973	Suwan 1 ; 2007 = DK version of	Thailand	TST
162	CIMBL40	0.012	0.1644	0.8236	((KU1409/SC55/KU1409)-S2-12-1-BB)-B	CIMMY T	TST
163	CIMBL41	0.0123	0.1777	0.8099	((KU1414- SR/CML328/KU1414-SR)-S2 -	CIMMY T	TST

164	CIMBL42	0.036	0.121	0.8429	((NC300/Tx772)-B-1-B2-BB)-B	CIMMY	TST
165	CIMBL44	0.0023	0.1613	0.8363	((SYN-Y-STR-34-1-1-1-1-2-1-BBBBB/NC354/SYN-Y-STR-34-1-1-1-1-2-1-BBBBB)-S2-13-	CIMMY T	TST
166	CIMBL45	0.3233	0.1851	0.4915	((Tx601XB104-B/B110XFR2128-B)-BB-4-	CIMMY T	Mixed
167	CIMBL46	0.0253	0.2243	0.7503	([[[NAW5867/P30SR]-43-2/[NAW5867/P30SR]-114-1]-9-3-3-B-1-B/CML395-1]-B-13-1-B-4#[BETASYN]BC1-8-1-1-	CIMMY T	TST
168	CIMBL47	0.085	0.3247	0.5903	([DTPYC9-F11-2-3-1-1-BB x DTPYC9-F46-1-2-1-1-B]-B-1-1-	CIMMY T	Mixed
169	CIMBL48	0.043	0.2043	0.7527	([DTPYC9-F46-1-2-1-1-B x DTPYC9-F74-1-1-1-1-BB]-B-4-	CIMMY T	TST
170	CIMBL49	0.0063	0.3011	0.6925	([DTPYC9-F65-2-2-1-1-BB x DTPYC9-F65-2-3-1-1-BB]-2-2-	CIMMY T	TST
171	CIMBL5	0.1007	0.0123	0.887	H5*PX105A/H101	USA	TST
172	CIMBL50	0.0067	0.2887	0.7047	([DTPYC9-F74-1-1-1-1-BB x DTPYC9-F65-2-2-1-1-BB]-B-3-2-B)-B	CIMMY T	TST
173	CIMBL51	0.0037	0.005	0.9913	([GQL5/[GQL5/[MSRXPOOL9]C1F2-205-1(OSU23i)-5-3-X-X-1-B-B]F2-4sx]-8-6-BB/[BETASYN]BC1-6-5-1-1-	CIMMY T	TST
174	CIMBL52	0.002	0.007	0.991	([GQL5/[GQL5/CML202]F2-1sx]-3-1-2-B/[BETASYN]BC1-	CIMMY T	TST
175	CIMBL53	0.0743	0.3069	0.6188	([SAM4/BETASYN]BC2FS1-1-1-1-BB)-B	CIMMY T	TST
176	CIMBL54	0.006	0.1404	0.8536	([SAM4/BETASYN]BC2FS21-4-3-B)-B	CIMMY T	TST
177	CIMBL55	0.0253	0.016	0.9587	([SAM4/BETASYN]BC2FS36-4-1-2-BB)-B	CIMMY T	TST
178	CIMBL56	0.0067	0.0817	0.9117	([SAM4/BETASYN]BC2FS9-2-2-1-BB)-B	CIMMY T	TST
179	CIMBL57	0.1243	0.0463	0.8294	([ZM305/BETASYN]BC2-133-1-1-BB)-B	CIMMY T	TST
180	CIMBL58	0.0523	0.1026	0.8451	([ZM305/BETASYN]BC2-133-1-2-BBB)-B	CIMMY T	TST
181	CIMBL59	0.0077	0.0973	0.895	([ZM305/BETASYN]BC2-182-1-2-BB)-B	CIMMY T	TST
182	CIMBL6	0.002	0.1252	0.8728	(Ac8730SR-##-124-1-5-B-1-#[BETASYN]BC1-16-2-3-1-1)-	CIMMY T	TST
183	CIMBL60	0.029	0.1963	0.7747	([ZM305/BETASYN]BC2-273-1-1-BB)-B	CIMMY T	TST
184	CIMBL61	0.002	0.003	0.995	(Carotenoid Syn3-FS11-4-3-	CIMMY	TST
185	CIMBL62	0.004	0.015	0.981	(Carotenoid Syn3-FS4-2-4-	CIMMY	TST
186	CIMBL63	0.0067	0.0097	0.9837	(Carotenoid Syn3-FS5-1-5-BB)-	CIMMY	TST
187	CIMBL64	0.001	0.005	0.994	(Carotenoid Syn3-FS8-4-1-	CIMMY	TST
188	CIMBL65	0.0397	0.0097	0.9507	(CL-02841 Ac8928-40-1-1-1-1-	CIMMY	TST
189	CIMBL67	0.0413	0.0644	0.8943	(CL-G2606 G26SeqC1-149-1-1-2-1-2-1-BB)-B	CIMMY T	TST
190	CIMBL68	0.024	0.126	0.85	(CL-G2609 G26C23-75-1-1-2-1-B*5)-B	CIMMY T	TST
191	CIMBL69	0.002	0.0714	0.9266	(CL-G2609-B)-B	CIMMY	TST
192	CIMBL7	0.033	0.1237	0.8433	(AMATLC0HS71-1-1-2-1-1-1-BBBBBB)-B	CIMMY T	TST

193	CIMBL70	0.003	0.0133	0.9837	(CL-G2611 G26SEQF135-3-3-1-1-1-2-BB)-B	CIMMY T	TST
194	CIMBL71	0.004	0.099	0.897	(CL-RCY007=PIO3011F2-B)-B	CIMMY	TST
195	CIMBL72	0.002	0.0147	0.9833	(CL-SCBY03)-B	CIMMY	TST
196	CIMBL73	0.0043	0.1457	0.85	(CML329/MBR C3 AmF25-2-1-1-BBB)-B	CIMMY T	TST
197	CIMBL74	0.0023	0.066	0.9317	(CML445/[BETASYN]BC1-2-2-5-1-1)-B	CIMMY T	TST
198	CIMBL75	0.001	0.15	0.849	(CML445/[BETASYN]BC1-9-2-3-1-1)-B	CIMMY T	TST
199	CIMBL77	0.0937	0.0113	0.895	(CML489/[BETASYN]BC1-2-	CIMMY	TST
200	CIMBL78	0.003	0.051	0.946	(CML489/[BETASYN]BC1-5-2-1-2-1)-B	CIMMY T	TST
201	CIMBL79	0.0223	0.0497	0.928	(CML489/[BETASYN]BC1-7-2-1-1-1)-B	CIMMY T	TST
202	CIMBL8	0.0033	0.2603	0.7363	((B104/NC300)x(CML-415/B104))-4-2-BB)-B	CIMMY T	TST
203	CIMBL80	0.002	0.0043	0.9937	(CTS013174/SW(S)C11-42-1-BB-1-3-BBBB/Nei9202-B)-B	CIMMY T	TST
204	CIMBL81	0.0027	0.095	0.9023	(Cuba / Guad C3 F125 -2-2-1-	CIMMY	TST
205	CIMBL82	0.0163	0.028	0.9557	(Cuba/Guad C3 F42-2-1-1-	CIMMY	TST
206	CIMBL83	0.004	0.2847	0.7113	(DRPYC9-F13-2-1-1-1-B)-B	CIMMY	TST
207	CIMBL84	0.1323	0.0087	0.859	(DTPYC9-74-1-1-1-1-B)-B	CIMMY	TST
208	CIMBL85	0.016	0.3431	0.6409	(DTPYC9-F11-2-3-1-2-B)-B	CIMMY	TST
209	CIMBL86	0.003	0.1346	0.8624	(DTPYC9-F116-2-1-1-1-B)-B	CIMMY	TST
210	CIMBL87	0.005	0.091	0.904	(DTPYC9-F125-2-8-1-1-B)-B	CIMMY	TST
211	CIMBL88	0.0547	0.0093	0.936	(DTPYC9-F134-3-1-B)-B	CIMMY	TST
212	CIMBL89	0.0747	0.3311	0.5942	(DTPYC9-F143-5-4-1-2-B)-B	CIMMY	Mixed
213	CIMBL90	0.0097	0.0983	0.892	(DTPYC9-F38-4-6-1-1-B)-B	CIMMY	TST
214	CIMBL91	0.0403	0.3017	0.658	(DTPYC9-F46-1-7-1-1-BBBB)-	CIMMY	TST
215	CIMBL92	0.029	0.2363	0.7347	(DTPYC9-F46-3-9-1-2-B)-B	CIMMY	TST
216	CIMBL93	0.0013	0.2356	0.7631	(DTPYC9-F65-2-3-1-1-	CIMMY	TST
217	CIMBL94	0.073	0.1417	0.7853	(DTPYC9-F69-3-1-1-1-	CIMMY	TST
218	CIMBL95	0.112	0.5418	0.3461	(Florida A plus Syn-FS2-2-1-	CIMMY	Mixed
219	CIMBL96	0.001	0.0043	0.9947	(KUI carotenoid syn-FS11-1-1-BBB)-B	CIMMY T	TST
220	CIMBL97	0.001	0.002	0.997	(KUI carotenoid syn-FS17-3-1-BBB)-B	CIMMY T	TST
221	CIMBL98	0.001	0.0013	0.9977	(KUI carotenoid syn-FS25-3-2-BBB)-B	CIMMY T	TST
222	CIMBL99	0.042	0.1583	0.7997	(LAMA2002-10-1-B)-B	CIMMY	TST
223	CML113	0.025	0.1879	0.7871	P33C1F-B-129-B-###-2-B	CIMMY	TST
224	CML114	0.0083	0.3675	0.6241	P45C2F-B-88-###1-1-2-BB	CIMMY	TST
225	CML115	0.1116	0.2926	0.5958	P45C2F151(RIF)-#-5-1-2-BBB	CIMMY	Mixed
226	CML116	0.5155	0.0043	0.4802	P45(STE)C1F36-5-1-3-1-BB	CIMMY	Mixed
227	CML118	0.0677	0.3403	0.592	SIYFS3#B1-7-B1-B1#B1	CIMMY	Mixed
228	CML121	0.0037	0.0033	0.993	(PI218191/PI209135//PI226685/ P1317328/3/P47/MPSWCB4) 6-3-1-5-1-B1- B1#B1(MP704/MP78:518)-8-3-	CIMMY T	TST
229	CML122	0.045	0.005	0.95	(MP704/MP78:518)-8-3-4-B1-4-2-3-B1-B1#B1	CIMMY T	TST
230	CML130	0.0117	0.009	0.9793	P33C1F118-5-1-4-5-4-B1-	CIMMY	TST
231	CML134	0.027	0.1057	0.8673	P45C2F151-1-2-5-3-1-2-4-B1-	CIMMY	TST
232	CML139	0.002	0.0443	0.9537	MP78:518-15-B1-B1#B1	CIMMY	TST
233	CML162	0.004	0.1263	0.8697	G25QC1F18-8-1-2-BB-2-BBB	CIMMY	TST
234	CML163	0.003	0.1511	0.8459	G26QH31-2-2-#-2-2-1-B-1-BB-	CIMMY	TST

235	CML165	0.0027	0.075	0.9223	P66C1F144-3-1-1-BB-1-BB-#	CIMMY	TST
236	CML166	0.0393	0.069	0.8917	P66C1F215-4-1-2-BB-2-BBB	CIMMY	TST
237	CML168	0.075	0.043	0.882	G26QSINT-31-1-2-2-BB	CIMMY	TST
238	CML169	0.0087	0.063	0.9284	G26QC22H7-1-1-1-1-BB	CIMMY	TST
239	CML170	0.0043	0.053	0.9427	G26QC22H9-3-1-5-1-BB	CIMMY	TST
240	CML171	0.0077	0.1203	0.872	G25QS4B-H13-5-B-1-1-2-B-1-	CIMMY	TST
241	CML172	0.0067	0.125	0.8684	G25QS4B-H35-2-B-1-1-2-B-4-	CIMMY	TST
242	CML189	0.0053	0.2471	0.7476	G34QH17-2-1-1-B	CIMMY	TST
243	CML191	0.0423	0.035	0.9227	G34QH146-1-1-4-B	CIMMY	TST
244	CML192	0.0097	0.2155	0.7749	G34QH174-3-1-2-BB	CIMMY	TST
245	CML20	0.0023	0.0067	0.991	P24F34-2-3-B-###	CIMMY	TST
246	CML223	0.0017	0.005	0.9933	EV88SUWAN1SR(BC5)-3-1-2-	CIMMY	TST
247	CML225	0.0013	0.0063	0.9923	EV88SUWAN1SR(BC5)-62-1-	CIMMY	TST
248	CML226	0.0027	0.0043	0.993	EV88SUWAN1SR(BC5)-78-1-	CIMMY	TST
249	CML228	0.0017	0.005	0.9933	EV88SUWAN1SR(BC5)-201-1-	CIMMY	TST
250	CML229	0.001	0.0073	0.9917	EV88SUWAN1SR(BC5)-293-1-	CIMMY	TST
251	CML26	0.0233	0.0147	0.962	P26F40-1-4-1-3-#-2-B-##	CIMMY	TST
252	CML27	0.0057	0.1602	0.8341	P27F1-1-3-B-###	CIMMY	TST
253	CML28	0.0673	0.029	0.9037	P27F35-8-3-B-####-B	CIMMY	TST
254	CML282	0.0087	0.0564	0.935	(G22F128/G22F25)-2-2-3-1-	CIMMY	TST
255	CML285	0.0057	0.004	0.9903	P24C5F34-2-3-B-F-2#-BBB-F	CIMMY	TST
256	CML287	0.0117	0.005	0.9833	(P24F26/27F1)-4-1-B-1-1-BB-F	CIMMY	TST
257	CML289	0.0067	0.009	0.9843	P24STEC1F23-5-2-1-2-3-BB-F	CIMMY	TST
258	CML29	0.002	0.0073	0.9907	P27F71-3-1-B-#*5-B	CIMMY	TST
259	CML290	0.003	0.0047	0.9923	(P28/TSR)-33-3-7-3-1-BB-F	CIMMY	TST
260	CML297	0.0287	0.0107	0.9607	SINTAMTSR-23-3-1-1-1-BB-F	CIMMY	TST
261	CML298	0.0073	0.0173	0.9753	SINTAMTSR-7-4-2-2-1-BB-F	CIMMY	TST
262	CML300	0.002	0.0083	0.9897	SINTAMTSR-76-1-2-3-1-BB-F	CIMMY	TST
263	CML304	0.002	0.0377	0.9603	SINTAMTSR-76-1-2-3-2-BB-F	CIMMY	TST
264	CML305	0.0087	0.0073	0.984	SINTAMTSR-23-2-2-1-3-BB-F	CIMMY	TST
265	CML307	0.023	0.085	0.892	SINTAMTSR-61-3-2-8-2-BB-F	CIMMY	TST
266	CML31	0.076	0.0243	0.8997	P27F117-1-4-B-####	CIMMY	TST
267	CML32	0.002	0.0047	0.9933	P28(TSR)S2-11-2-4-B-1-##	CIMMY	TST
268	CML323	0.0517	0.0093	0.939	P33C2(STE)-102-2-B-2-B-1-	CIMMY	TST
269	CML324	0.0273	0.1577	0.815	P33C2(STE)-12-1-B-2-B*4	CIMMY	TST
270	CML325	0.018	0.3243	0.6577	P45C6F28-1-2-B*6	CIMMY	TST
271	CML326	0.0047	0.0969	0.8984	P45C6F6-2-1-1-B*5	CIMMY	TST
272	CML327	0.0023	0.4635	0.5342	P45C6F83-3-1-B*5	CIMMY	Mixed
273	CML338	0.0173	0.063	0.9197	P590BF84-3-3-5-3-1-1-B-#-B	CIMMY	TST
274	CML360	0.0654	0.037	0.8976	SA4C2F(21/26)-1-2-2-2-B	CIMMY	TST
275	CML361	0.002	0.0927	0.9053	SA4C2F(21/26)-4-2-7-3-B	CIMMY	TST
276	CML364	0.003	0.1374	0.8596	SAF1-5-1-1-5-3-B	CIMMY	TST
277	CML40	0.01	0.0881	0.9019	P36C5F144-2-2-B-###	CIMMY	TST
278	CML408	0.003	0.0057	0.9913	P24STEC2-29-BBBB-#-4-	CIMMY	TST
279	CML411	0.0107	0.0133	0.976	P28C7-S4-#-BBBBBBBBBBBB	CIMMY	TST
280	CML412	0.0863	0.0357	0.878	P36C5F279-1-1-B-F-##-B	CIMMY	TST
281	CML415	0.051	0.143	0.806	KC3001/KC3002-22-2-1-B-4- BBBBBBBBB	CIMMY T	TST
282	CML422	0.0027	0.0173	0.98	G17TSRH5-2-4-7-1-1-1-	CIMMY	TST
283	CML423	0.0463	0.161	0.7927	G18C19H100#-4-1-1-	CIMMY	TST
284	CML426	0.002	0.0747	0.9233	P31C4S5B-38-##-2-BBB	CIMMY	TST
285	CML428	0.0153	0.0087	0.976	SW91145-2P3S2-##-3-BBBB	CIMMY	TST
286	CML430	0.0047	0.0833	0.912	AMATLCOHS169-1-1-1-1-2-2-	CIMMY	TST
287	CML431	0.2265	0.0063	0.7672	AMATLCOHS170-2-3-2-1-1-1-	CIMMY	TST
288	CML432	0.019	0.1273	0.8537	KTX3752F2-7-1-1-1-BBB	CIMMY	TST
289	CML433	0.0027	0.3343	0.663	KTX3753F2-5-1-1-2-BBB	CIMMY	TST

290	CML451	0.0193	0.0047	0.976	[NPH28-1/G25)/NPH28]-1-2-1-1-3-1-B*6	CIMMY T	TST
291	CML454	0.002	0.0554	0.9426	CAPITANMIRANDA8627-20-1-2-B*15	CIMMY T	TST
292	CML465	0.0163	0.147	0.8367	AMATLCOHS71-1-1-2-1-1-1-	CIMMY	TST
293	CML468	0.003	0.008	0.989	P28C9F113-3-1-4-B*7	CIMMY	TST
294	CML470	0.003	0.0804	0.9166	P31C4S5B-39-##-1-BB	CIMMY	TST
295	CML473	0.005	0.0644	0.9306	P31C4S5B-23-##-4-BBBB	CIMMY	TST
296	CML474	0.0583	0.0203	0.9213	SW92145-2EV-13-1-BB	CIMMY	TST
297	CML479	0.0363	0.013	0.9507	(P24STE-5/24STE-17)-BBBB-###-B-3-B-1-B*4	CIMMY T	TST
298	CML480	0.005	0.1059	0.8891	SINTAMTSRC2-88-2-2-B*8	CIMMY	TST
299	CML486	0.0624	0.1604	0.7773	P45C8-76-1-2-1-2-BBBB	CIMMY	TST
300	CML493	0.0117	0.016	0.9723	P66C1F22-2-5-2-BBBB-3-BB	CIMMY	TST
301	CML496	0.0057	0.0083	0.986	P36C9F90-B-5-B*7	CIMMY	TST
302	CML497	0.002	0.0187	0.9793	[CL00331*v]-3-B-3-2-1-B*5	CIMMY	TST
303	CML50	0.0017	0.097	0.9013	AC8078-2-4-1-##	CIMMY	TST
304	CML51	0.0057	0.008	0.9863	STAROSA8079-1-2-3-###	CIMMY	TST
305	CML69	0.0817	0.008	0.9103	P36C5F37-2-1-1-B1#B1-	CIMMY	TST
306	CY72	0.0017	0.9953	0.003	Improved from Landrace	China	NSS
307	D047	0.0143	0.5821	0.4035	Landrace	China	Mixed
308	D863F	0.039	0.8327	0.1283	Unkown	China	NSS
309	Dan3130	0.035	0.9204	0.0447	American Hybrid P78599	China	NSS
310	Dan340	0.1936	0.7677	0.0387	Lv9×Wide Pod Corn	China	NSS
311	Dan360	0.2667	0.7283	0.005	Lv9×Wide Pod Corn	China	NSS
312	Dan4245	0.256	0.5377	0.2063	Dan4245-1-3-1-3-1-1	China	Mixed
313	Dan598	0.1074	0.6696	0.2231	(Dan340×Danhuang11)×(Danhuang02×Dan599)	China	NSS
314	Dan599	0.0077	0.709	0.2833	American Hybrid P78599	China	NSS
315	Dan9046	0.0587	0.7697	0.1717	Shen5003×Tie7922	China	NSS
316	DE.EX	0.106	0.892	0.002	The University of Illinois, USA	USA	NSS
317	DH29	0.462	0.53	0.008	American Hybrid P78599	China	Mixed
318	DH3732	0.5645	0.1761	0.2594	DH3732-1-1-2-2-1-1	China	Mixed
319	Dong237	0.0616	0.6175	0.3209	Synthetic	China	NSS
320	Dong46	0.2721	0.3845	0.3434	M14	China	Mixed
321	DSB	0.0207	0.405	0.5743	Landrace	China	Mixed
322	EN25	0.5158	0.4638	0.0203	Unkown	China	Mixed
323	ES40	0.1073	0.5468	0.3459	Landrace	China	Mixed
324	FCD0602	0.0334	0.5766	0.3901	Unkown	China	Mixed
325	GEMS10	0.6427	0.0033	0.354	2112-02_DK212T_S11_F2S4_9169-	USA	SS
326	GEMS11	0.6676	0.0117	0.3208	2116-02_DK212T_S11_F2S4_9172-	USA	SS
327	GEMS12	0.6237	0.0053	0.371	2120-01_DK888_S11_F2S4_9175-	USA	SS
328	GEMS13	0.6638	0.004	0.3322	2121-04_DK888_S11_F2S4_9178-	USA	SS
329	GEMS14	0.8146	0.004	0.1814	2127-01_DK888_S11_F2S4_9181-	USA	SS
330	GEMS15	0.003	0.0063	0.9907	2131-01_DK888_S11_F2S4_9184-	USA	TST
331	GEMS17	0.71	0.0047	0.2853	2142-01_DK888_S11_F2S4_9190-	USA	SS
332	GEMS18	0.7234	0.0033	0.2732	2143-02_DK888_S11_F2S4_9193-	USA	SS
333	GEMS19	0.002	0.0047	0.9933	2146-01_DK888_S11_F2S4_9196-	USA	TST

334	GEMS20	0.6327	0.003	0.3643	2150-01_DK888_S11_F2S4_9199-	USA	SS
335	GEMS21	0.964	0.003	0.033	2152-02_DK888_S11_F2S4_65/97-	USA	SS
336	GEMS23	0.6332	0.0023	0.3645	2156-02_DK888_S11_F2S4_h92847-	USA	SS
337	GEMS24	0.348	0.031	0.621	2201-01_DK830_S11_F2S4_9208-	USA	TST
338	GEMS25	0.002	0.4413	0.5567	2226-02_XL370A_S11_F2S4_9211-	USA	Mixed
339	GEMS27	0.0567	0.387	0.5563	2250-01_XL370A_S11_F2S4_9214-	USA	Mixed
340	GEMS28	0.0747	0.358	0.5673	2250-02_XL370A_S11_F2S4_3363-	USA	Mixed
341	GEMS29	0.0527	0.4055	0.5418	2253-01_XL370A_S11_F2S4_9220-	USA	Mixed
342	GEMS3	0.0317	0.395	0.5733	2011-01_SE32-S17_F2S4_9148-Blk22/00	USA	Mixed
343	GEMS30	0.0113	0.2397	0.749	2258-03_XL380_S11_F2S4_71/97-	USA	TST
344	GEMS31	0.0193	0.0487	0.932	2282-01_XL380_S11_F2S4_9226-	USA	TST
345	GEMS32	0.0987	0.3878	0.5135	2283-01_XL380_S11_F2S4_9229-	USA	Mixed
346	GEMS33	0.053	0.758	0.189	PE001n16F2S2-44	USA	NSS
347	GEMS35	0.0047	0.6766	0.3188	PE001n16F2S2-172	USA	NSS
348	GEMS36	0.0233	0.6962	0.2804	PE001n16F2S2-176	USA	NSS
349	GEMS37	0.0143	0.6417	0.344	PE001n16F2S2-181	USA	NSS
350	GEMS39	0.0283	0.6986	0.2731	PE001n16F2S2-239	USA	NSS
351	GEMS4	0.6333	0.0053	0.3613	2084-02_DK212T_S11_F2S4_9151-	USA	SS
352	GEMS40	0.071	0.6548	0.2742	PE001n16F2S2-431	USA	NSS
353	GEMS41	0.0566	0.6315	0.3119	PE001n16F2S2-521	USA	NSS
354	GEMS42	0.0173	0.6556	0.3271	PE001n16F2S2-705	USA	NSS
355	GEMS43	0.039	0.6903	0.2707	PE001n16F2S2-857	USA	NSS
356	GEMS44	0.085	0.5862	0.3288	CH05015:N12-140-1-B-B	USA	Mixed
357	GEMS45	0.4955	0.3729	0.1316	CH05015:N12-20-1-B-B	USA	Mixed
358	GEMS46	0.1831	0.5685	0.2484	CH05015:N15-8-1-B-B	USA	Mixed
359	GEMS47	0.0123	0.8527	0.135	UR13085:N0125-014-001	USA	NSS
360	GEMS48	0.0887	0.7726	0.1387	DKXL370:N11a20-31-1-B-B	USA	NSS
361	GEMS49	0.674	0.3007	0.0253	DKB844:S1601-512-1-B	USA	SS
362	GEMS5	0.668	0.0127	0.3193	2086-01_DK212T_S11_F2S4_9154-	USA	SS
363	GEMS50	0.6622	0.3254	0.0123	DKB844:S1601-517-1-B	USA	SS
364	GEMS51	0.7198	0.1438	0.1364	CUBA164:S2008a-83-1-B	USA	SS
365	GEMS52	0.8687	0.1207	0.0107	CUBA164:S2008a-326-1-B	USA	SS
366	GEMS53	0.6957	0.1117	0.1927	CUBA164:S15-192-2-B	USA	SS
367	GEMS54	0.08	0.157	0.763	ARI16035:S02-450-1-B	USA	TST
368	GEMS55	0.7761	0.0736	0.1503	ARI16035:S02-443-1-B-B	USA	SS
369	GEMS56	0.019	0.8101	0.1709	FS8B(T):N1809-946-1-B	USA	NSS
370	GEMS57	0.0137	0.9737	0.0127	ARI01150:N04-545-1-B	USA	NSS
371	GEMS58	0.004	0.9027	0.0933	ARI01150:N04-696-1-B	USA	NSS
372	GEMS59	0.0287	0.8689	0.1024	SCROI:N1310-398-1-B	USA	NSS
373	GEMS6	0.7014	0.0053	0.2932	2088-01_DK212T_S11_F2S4_9157-	USA	SS
374	GEMS60	0.038	0.7893	0.1727	CHIS775:N1912-519-1-B-B	USA	NSS
375	GEMS61	0.0473	0.1767	0.776	ARI16026:S17-10-1-B-B	USA	TST

376	GEMS63	0.9773	0.0033	0.0193	CUBA164:S1511b-325-001	USA	SS
377	GEMS64	0.939	0.0073	0.0537	CUBA164:S1511b-249-1-B-B	USA	SS
378	GEMS9	0.7012	0.0087	0.2901	2111-01_DK212T_S11_F2S4_9166-	USA	SS
379	Gy1007	0.124	0.7887	0.0873	AIHO	China	NSS
380	Gy1032	0.2971	0.6902	0.0127	AIHO	China	NSS
381	Gy220	0.0503	0.865	0.0847	AIHO*	China	NSS
382	Gy237	0.0033	0.9177	0.079	AIHO	China	NSS
383	Gy246	0.054	0.8463	0.0997	AIHO	China	NSS
384	Gy386	0.0093	0.9507	0.04	AIHO	China	NSS
385	Gy462	0.029	0.8707	0.1003	AIHO	China	NSS
386	Gy798	0.1023	0.809	0.0887	AIHO	China	NSS
387	Gy923	0.0387	0.94	0.0213	AIHO	China	NSS
388	H21	0.3605	0.3242	0.3152	HuangZaoSi×H84	China	Mixed
389	Hai1134	0.0097	0.8316	0.1587	HuangYa×Hua94	China	NSS
390	Hai268	0.0886	0.4868	0.4245	Improved from Landrace	China	Mixed
391	HB	0.004	0.493	0.503	Huojiabaimaya	China	Mixed
392	HSBN	0.0447	0.5717	0.3837	Landrace	China	Mixed
393	HTH-17	0.017	0.932	0.051	HuoTangBai42×Hai1917×	China	NSS
394	Hu803	0.6167	0.38	0.0033	U8112×Shen5003	China	SS
395	Hua83-2	0.1527	0.4155	0.4318	Landrace	China	Mixed
396	HuangC	0.114	0.8103	0.0757	(HuangXiao162×Zi330/O2)×Tuxpenno	China	NSS
397	HYS	0.3855	0.5668	0.0477	(HuangZaoSi×YeJiHong)×HuangZaoSi	China	Mixed
398	HZS	0.091	0.5443	0.3647	TangSiPingTou	China	Mixed
399	IRF291	0.0217	0.916	0.0623	A671×LH38	China	NSS
400	IRF314	0.01	0.9587	0.0313	(PA91/LH98A)-6-420-64-2-1-3-	China	NSS
401	J4112	0.1617	0.401	0.4373	A619×U8112	China	Mixed
402	JH59	0.0057	0.9893	0.005	American Hybrid P78599	China	NSS
403	JH96C	0.0877	0.7186	0.1937	Synthetic	China	NSS
404	Ji53	0.0377	0.9207	0.0417	Derived from Ji Synthetic C0-2	China	NSS
405	Ji63	0.0506	0.6325	0.3169	(127-	China	NSS
406	Ji842	0.002	0.984	0.014	Ji63×Mo17	China	NSS
407	Ji846	0.0047	0.9883	0.007	Ji63×Mo17	China	NSS
408	Ji853	0.4607	0.5353	0.004	(HuangZaoSi×Zi330)×Zi330	China	Mixed
409	Jiao51	0.3542	0.0483	0.5975	Improved from Landrace	China	Mixed
410	JY01	0.1094	0.7723	0.1184	JiYan01-3-2-2-1-5-1	China	NSS
411	K10	0.07	0.6203	0.3098	(Chang3×Shen5003)×Chang3	China	NSS
412	K12	0.0723	0.8017	0.126	HuangZaoSi×WeiChun	China	NSS
413	K14	0.05	0.8746	0.0754	Shen5005×6917	China	NSS
414	K22	0.1557	0.8193	0.025	K11×Ye478	China	NSS
415	L3180	0.1453	0.5245	0.3302	Foreign hybrid	China	Mixed
416	LG001	0.003	0.8149	0.1821	Unknown	China	NSS
417	Liao138	0.2837	0.6423	0.074	Improved from Dan340	China	NSS
418	Liao159	0.2365	0.452	0.3115	Unkown	China	Mixed
419	Liao5114	0.108	0.4673	0.4247	Tie7922×Shen5003	China	Mixed
420	Liao5262	0.3227	0.6657	0.0117	Liao526-2-2-2-1-2-1	China	NSS
421	Liao5263	0.3457	0.6473	0.007	Liao526-2-2-2-1-3-1	China	NSS
422	LK11	0.001	0.9933	0.0057	Mo17×Zi330	China	NSS
423	Lv28	0.0837	0.6937	0.2227	LvDaHongGu	China	NSS
424	Lx9801	0.006	0.6641	0.3299	Xi502×H21	China	NSS
425	LXN	0.056	0.6438	0.3002	Landrace	China	NSS
426	LY	0.004	0.1957	0.8003	Unknown	China	TST
427	LY042	0.1523	0.8367	0.011	Unkown	China	NSS
428	M153	0.1777	0.6627	0.1597	Unknown	China	NSS
429	M165	0.1756	0.6808	0.1436	Unknown	China	NSS

430	M97	0.1563	0.7583	0.0853	Unknown	China	NSS
431	MN	0.1043	0.4362	0.4595	Landrace	China	Mixed
432	MO113	0.0027	0.9484	0.049	Unknown	China	NSS
433	Mo17	0.0013	0.9957	0.003	187-2×C103	China	NSS
434	Nan21-3	0.048	0.5258	0.4261	Jugoslavian Hybrid	China	Mixed
435	NMJT	0.3417	0.1493	0.509	Landrace	China	Mixed
436	NX15	0.0163	0.1559	0.8277	Landrace	China	TST
437	P138	0.001	0.7139	0.2851	American Hybrid P78599	China	NSS
438	P178	0.0053	0.8263	0.1684	American Hybrid P78599	China	NSS
439	Q1261	0.186	0.655	0.159	Improved from K12	China	NSS
440	Qi205	0.1438	0.3999	0.4563	(VeiAi141×ZhongXi017)×Popul ation 70	China	Mixed
441	Qi319	0.005	0.7686	0.2264	American Hybrid P78599	China	NSS
442	QTHHSBT	0.0087	0.5703	0.421	Landrace	China	Mixed
443	R08	0.072	0.7368	0.1913	American Hybrid P78641	China	NSS
444	R15	0.013	0.615	0.372	American Hybrid	China	NSS
445	R15X1141	0.1549	0.6155	0.2296	R15*X1141P-3-3-3-1-1-2	China	NSS
446	Ry684	0.137	0.6741	0.1889	RYD*	China	NSS
447	Ry697	0.3823	0.58	0.0377	RYD	China	Mixed
448	Ry713	0.147	0.6135	0.2396	RYD	China	NSS
449	Ry729	0.4632	0.5328	0.004	RYD	China	Mixed
450	Ry732	0.1517	0.644	0.2043	RYD	China	NSS
451	Ry737	0.512	0.486	0.002	RYD	China	Mixed
452	S22	0.1286	0.6839	0.1875	American Hybrid	China	NSS
453	S37	0.1013	0.0707	0.828	Suwan1	China	TST
454	SC55	0.0667	0.585	0.3483	The University of Illinois, USA	USA	Mixed
455	Shen135	0.1503	0.478	0.3717	Unkown	China	Mixed
456	Shen137	0.002	0.7262	0.2718	American Hybrid 6JK611	China	NSS
457	Shen5003	0.0754	0.8803	0.0443	American Single-cross 3147	China	NSS
458	Si273	0.334	0.6263	0.0397	American Hybrid	China	NSS
459	Si434	0.1377	0.8427	0.0197	Si466×Hua94	China	NSS
460	Si444	0.0087	0.6118	0.3795	A619×HuangZaoSi	China	NSS
461	Si446	0.0037	0.991	0.0053	Qu43×Zi330	China	NSS
462	SK	0.0373	0.5426	0.4201	Landrace	China	Mixed
463	SW1611	0.0437	0.0647	0.8916	Suwan2	China	TST
464	SW92E114	0.0077	0.075	0.9173	Landrace	China	TST
465	Sy1032	0.1733	0.583	0.2437	Syn.D.O	China	Mixed
466	Sy1035	0.1223	0.6311	0.2466	Syn.D.O	China	NSS
467	Sy1039	0.1988	0.7839	0.0173	Syn.D.O	China	NSS
468	Sy1052	0.164	0.6907	0.1453	Syn.D.O	China	NSS
469	Sy1077	0.0447	0.5417	0.4137	Syn.D.O	China	Mixed
470	Sy1128	0.12	0.781	0.099	Syn.D.O	China	NSS
471	Sy3073	0.0656	0.8411	0.0933	Syn.D.O	China	NSS
472	Sy998	0.1457	0.7587	0.0957	Syn.D.O	China	NSS
473	Sy999	0.1227	0.726	0.1513	Syn.D.O	China	NSS
474	Tian77	0.2259	0.5655	0.2086	(HuangXiao162×Mei1865)×(18 7-2×Nan55)	China	Mixed
475	Tie7922	0.7593	0.2387	0.002	American Hybrid 3382	China	SS
476	TT16	0.443	0.553	0.004	TianTai16-1-3-1-2-2-2	China	Mixed
477	TX5	0.0227	0.608	0.3693	Landrace	China	NSS
478	TY1	0.426	0.1953	0.3787	TY30331-2-4-2-1-3-2	China	Mixed
479	TY10	0.1643	0.3072	0.5285	TY30331-2-8-1-1-3-2	China	Mixed
480	TY11	0.056	0.3567	0.5873	TY30331-2-8-1-2-1-1	China	Mixed
481	TY2	0.1809	0.3426	0.4765	TY30331-2-4-2-2-1-1	China	Mixed
482	TY3	0.0287	0.4807	0.4907	TY30331-2-4-2-2-2-1	China	Mixed
483	TY4	0.115	0.4083	0.4767	TY30331-2-4-2-2-2-2	China	Mixed
484	TY5	0.0853	0.4312	0.4835	TY30331-2-4-2-2-3-1	China	Mixed

485	TY6	0.0053	0.4797	0.515	TY30331-2-5-1-2-3-2	China	Mixed
486	TY7	0.0493	0.4232	0.5275	TY30331-2-5-2-1-1-3	China	Mixed
487	TY8	0.077	0.3349	0.5881	TY30331-2-7-1-2-1-1	China	Mixed
488	TY9	0.044	0.3889	0.567	TY30331-2-8-1-1-3-1	China	Mixed
489	U8112	0.842	0.1533	0.0047	American Hybrid 3382	China	SS
490	W138	0.001	0.994	0.005	Unknown	China	NSS
491	WH413	0.3336	0.1779	0.4885	HuangZaoSi×WenQing1331	China	Mixed
492	WMR	0.081	0.3343	0.5847	Landrace	China	Mixed
493	Wu109	0.3861	0.1811	0.4328	XiDan7	China	Mixed
494	X1141P	0.0103	0.9477	0.042	X1141P-1-4-6-1-3-2-1-1	China	NSS
495	Xi502	0.003	0.7154	0.2816	Dan340×HuangZaoSi	China	NSS
496	Xun971	0.131	0.5317	0.3373	Landrace	China	Mixed
497	XZ698	0.112	0.6693	0.2187	XinZhong698-3-1-1-2-1-2-3	China	NSS
498	Yan414	0.031	0.493	0.476	HuangZaoSi	China	Mixed
499	Ye107	0.5387	0.4153	0.046	Foreign Hybrid XL80	China	Mixed
500	Ye478	0.1283	0.546	0.3257	U8112×Shen5003	China	Mixed
501	Ye488	0.2766	0.5115	0.2119	U8112×Shen5003	China	Mixed
502	Ye515	0.2021	0.5859	0.2121	(HuaFeng100×AiGo352)×HuangZaoSi	China	Mixed
503	Ye52106	0.1333	0.7137	0.153	(Ye1075×Ye106)×AiJin525	China	NSS
504	Ye8001	0.3456	0.3635	0.2909	Ye488×3189	China	Mixed
505	Yu374	0.0554	0.9276	0.017	Synthetic	China	NSS
506	Yu87-1	0.0763	0.7038	0.2199	American Hybrid	China	NSS
507	Yun46	0.0203	0.0223	0.9573	Unkown	China	TST
508	YZ15	0.133	0.8477	0.0193	YuZong15BC-2	China	NSS
509	Z2018F	0.0856	0.5805	0.3339	Zheng2018F2*698-3-1-2-1-1	China	Mixed
510	ZaC546	0.004	0.8667	0.1293	Variant plants from C103	China	NSS
511	ZB648	0.0097	0.7132	0.2771	ZhongBei648-1	China	NSS
512	ZH68	0.7606	0.2284	0.011	American Hybrid P78599	China	SS
513	Zheng22	0.447	0.5417	0.0113	Dan340×E28	China	Mixed
514	Zheng28	0.0473	0.7357	0.217	Ye478×Tuxpeno	China	NSS
515	Zheng29	0.122	0.5945	0.2834	Shen5003	China	Mixed
516	Zheng30	0.043	0.948	0.009	Zheng20×Ye478	China	NSS
517	Zheng32	0.965	0.031	0.004	American Single-cross 3382	China	SS
518	Zheng35	0.1477	0.5787	0.2737	Unkown	China	Mixed
519	Zheng58	0.2377	0.7563	0.006	Variant plants from Ye478	China	NSS
520	Zheng653	0.068	0.916	0.016	(Shen5003×Zong31)×Shen5003	China	NSS
521	Zhi41	0.0163	0.821	0.1627	Unkown	China	NSS
522	Zhong69	0.1659	0.5953	0.2388	American Hybrid P78599	China	Mixed
523	Zi330	0.003	0.9883	0.0087	OH43×KeLi67	China	NSS
524	Zong3	0.0143	0.8129	0.1728	Synthetic	China	NSS
525	Zong31	0.0083	0.8653	0.1263	Synthetic	China	NSS
526	ZZ01	0.0137	0.7636	0.2227	American Hybrid P78641	China	NSS
527	ZZ03	0.052	0.9373	0.0107	Unkown	China	NSS