

Supplementary Data

Distribution of low-molecular-weight glutenin subunit Glu-B3 alleles in mini core collections of Chinese wheat germplasms

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Supplementary table. Results of Glu-B3 alleles identification.

Accession Num.	Glu-B3a	Glu-B3b	Glu-B3c	Glu-B3d	Glu-B3e	Glu-B3f	Glu-B3g	Glu-B3h	Glu-B3i	Glu-B3j	wheat zone	landrace or improved
1							√				spring	improved
2							√				spring	improved
3									√		spring	improved
4									√		spring	improved
5				√							spring	landrace
6				√							spring	landrace
7							√				spring	landrace
8							√				spring	landrace
9				√							spring	landrace
10				√							spring	landrace
11		√									spring	landrace
12									√		spring	landrace
13							√				winter	landrace
14			√								winter	landrace
15	√										winter	landrace
16	√										winter	landrace
17	√										winter	landrace
18			√								winter	landrace
19			√								winter	landrace
20	√										winter	landrace
21									√		winter	landrace
22									√		winter	landrace
23	√										winter	landrace
24	√										winter	landrace
25	√										winter	landrace
26	√										winter	landrace
27							√				winter	landrace
28		√									winter	landrace
29		√									winter	improved
30									√		winter	improved
31									√		winter	improved
32			√								winter	improved
33				√							winter	improved
34				√							winter	improved
35				√							winter	improved
36									√		winter	improved
37									√		winter	improved
38									√		winter	improved
39									√		winter	improved
40	√										winter	improved
41		√									winter	improved
42						√					winter	landrace
43	√										winter	landrace
44	√										winter	landrace
45	√										winter	landrace
46						√					winter	landrace
47					√						winter	landrace
48					√						winter	landrace
49						√					winter	landrace
50						√					winter	landrace
51						√					winter	landrace

52				√			winter	landrace
53						√	winter	landrace
54						√	winter	landrace
55						√	winter	landrace
56						√	winter	landrace
57	√						winter	landrace
58	√						winter	landrace
59	√						winter	landrace
60			√				winter	landrace
63	√						winter	improved
64				√			winter	improved
65				√			winter	improved
66					√		winter	improved
67				√			winter	improved
68						√	winter	improved
69						√	winter	improved
70						√	winter	improved
72					√		spring	landrace
73					√		spring	landrace
75		√					spring	landrace
76					√		spring	landrace
77				√			spring	improved
78			√				spring	improved
79					√		spring	improved
80					√		spring	improved
81						√	spring	improved
82	√						spring	improved
83					√		spring	improved
100						√	winter	landrace
101						√	winter	landrace
102			√				winter	landrace
103					√		winter	landrace
104						√	winter	landrace
105			√				winter	improved
106						√	winter	improved
107					√		winter	improved
108						√	winter	improved
109			√				winter	improved
110			√				winter	improved
111				√			winter	improved
112		√					winter	improved
113		√					winter	improved
114			√				winter	improved
115		√					winter	improved
116	√						winter	improved
117			√				winter	improved
118			√				winter	improved
119				√			winter	improved
120			√				winter	improved
121				√			winter	improved
122			√				winter	improved
123	√						winter	improved
124			√				winter	improved
125		√					winter	improved
126		√					winter	improved
127		√					winter	improved
128						√	winter	improved
129			√				winter	improved
130						√	winter	improved
131			√				winter	improved
132						√	winter	improved
133						√	winter	improved
134						√	winter	improved
135		√					winter	improved
136			√				winter	landrace
137	√						winter	landrace
138	√						winter	landrace

139					√		winter	landrace
140	√						winter	landrace
141	√						winter	landrace
142			√				winter	landrace
143						√	winter	landrace
144	√						winter	landrace
145	√						winter	landrace
146					√		winter	landrace
147	√						winter	landrace
148	√						winter	landrace
149		√					winter	landrace
150	√						winter	landrace
151		√					winter	landrace
152					√		winter	landrace
153				√			winter	landrace
154					√		winter	landrace
155	√						winter	landrace
156	√						winter	landrace
157					√		winter	landrace
158				√			winter	landrace
159					√		winter	landrace
160		√					winter	landrace
163					√		winter	landrace
164					√		winter	landrace
165					√		winter	landrace
166	√						winter	landrace
167			√				winter	landrace
168						√	winter	landrace
169						√	winter	landrace
170		√					spring- winter	landrace
171							spring- winter	landrace
172					√		spring- winter	landrace
173		√					spring- winter	landrace
174					√		spring- winter	landrace
175		√					spring- winter	landrace
176				√			spring- winter	landrace
177				√			spring- winter	landrace
178				√			spring- winter	landrace
179				√			spring- winter	landrace
180						√	spring- winter	landrace
181						√	spring- winter	landrace
182						√	spring- winter	improved
183							spring- winter	improved
184					√		spring- winter	improved
186				√			spring	landrace
187						√	spring	landrace
188							spring	landrace
189							spring	landrace
190							spring	landrace
191				√			spring	landrace
192							spring	landrace
193							spring	landrace

194				√				spring	landrace
195							√	spring	landrace
196	√							spring	landrace
197			√					spring	landrace
198			√					spring	landrace
199					√			spring	improved
200						√		spring	improved
201							√	spring	improved
202	√							spring	improved
206							√	winter	improved
207							√	winter	improved
208				√				winter	improved
209							√	winter	improved
210			√					winter	improved
211			√					winter	improved
212							√	winter	landrace
214			√					winter	landrace
215		√						winter	landrace
216							√	winter	landrace
217				√				winter	landrace
218		√						winter	landrace
219		√						winter	landrace
220				√				winter	landrace
221		√						winter	landrace
222	√							winter	landrace
223						√		winter	landrace
224							√	winter	landrace
225							√	winter	landrace
227							√	winter	landrace
229	√							winter	landrace
230							√	winter	landrace
231	√							winter	landrace
232							√	winter	landrace
234				√				spring- winter	landrace
235				√				spring- winter	landrace
236				√				spring- winter	landrace
238						√		spring- winter	landrace
239							√	spring- winter	landrace
240						√		spring- winter	landrace
241							√	spring- winter	landrace
242							√	spring- winter	improved
243						√		spring- winter	improved
244						√		spring- winter	improved
245				√				spring- winter	improved

All the cultivars are from the core collections of Chinese wheat germplasms, because the conditionality of its patent, the names of the cultivars could not be shown.