

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1	NxB-RIL-368-16	.	521	101	1	1	0	0	521	2019	Preston	V1	1
2	NxB-RIL-368-16	.	521	101	1	1	0	0	521	2019	Preston	V2	3
3	NxB-RIL-368-16	.	521	101	1	1	0	0	521	2019	Preston	V3	1
4	NxB-RIL-368-16	.	521	101	1	1	0	0	521	2019	Preston	W1	4
5	NxB-RIL-368-16	.	521	101	1	1	0	0	521	2019	Preston	W2	5
6	NxB-RIL-368-16	.	521	101	1	1	0	0	521	2019	Preston	W3	4
7	BxN-RIL-359-4	.	284	102	1	1	0	0	284	2019	Preston	STD	3
8	BxN-RIL-359-4	.	284	102	1	1	0	0	284	2019	Preston	V1	3
9	BxN-RIL-359-4	.	284	102	1	1	0	0	284	2019	Preston	V2	3
10	BxN-RIL-359-4	.	284	102	1	1	0	0	284	2019	Preston	V3	3
11	BxN-RIL-359-4	.	284	102	1	1	0	0	284	2019	Preston	W1	4
12	BxN-RIL-359-4	.	284	102	1	1	0	0	284	2019	Preston	W2	6
13	BxN-RIL-359-4	.	284	102	1	1	0	0	284	2019	Preston	W3	5
14	NxB-RIL-374-22	.	673	103	1	1	0	0	673	2019	Preston	STD	3
15	NxB-RIL-374-22	.	673	103	1	1	0	0	673	2019	Preston	V1	3
16	NxB-RIL-374-22	.	673	103	1	1	0	0	673	2019	Preston	V2	3
17	NxB-RIL-374-22	.	673	103	1	1	0	0	673	2019	Preston	V3	3
18	NxB-RIL-374-22	.	673	103	1	1	0	0	673	2019	Preston	W1	5
19	NxB-RIL-374-22	.	673	103	1	1	0	0	673	2019	Preston	W2	6
20	NxB-RIL-374-22	.	673	103	1	1	0	0	673	2019	Preston	W3	7
21	BxN-RIL-347-19	.	40	104	1	1	0	0	40	2019	Preston	STD	2
22	BxN-RIL-347-19	.	40	104	1	1	0	0	40	2019	Preston	V1	2
23	BxN-RIL-347-19	.	40	104	1	1	0	0	40	2019	Preston	V2	2
24	BxN-RIL-347-19	.	40	104	1	1	0	0	40	2019	Preston	V3	1
25	BxN-RIL-347-19	.	40	104	1	1	0	0	40	2019	Preston	W1	3
26	BxN-RIL-347-19	.	40	104	1	1	0	0	40	2019	Preston	W2	4
27	BxN-RIL-347-19	.	40	104	1	1	0	0	40	2019	Preston	W3	1
28	NorLin	1+1	715	105	1	1	1	0	715	2019	Preston	STD	3
29	NorLin	1+1	715	105	1	1	1	0	715	2019	Preston	V1	2
30	NorLin	1+1	715	105	1	1	1	0	715	2019	Preston	V2	3
31	NorLin	1+1	715	105	1	1	1	0	715	2019	Preston	V3	2
32	NorLin	1+1	715	105	1	1	1	0	715	2019	Preston	W1	3
33	NorLin	1+1	715	105	1	1	1	0	715	2019	Preston	W2	5
34	NorLin	1+1	715	105	1	1	1	0	715	2019	Preston	W3	0
35	BxN-RIL-351-2	.	108	106	1	1	0	0	108	2019	Preston	STD	2
36	BxN-RIL-351-2	.	108	106	1	1	0	0	108	2019	Preston	V1	2
37	BxN-RIL-351-2	.	108	106	1	1	0	0	108	2019	Preston	V2	3
38	BxN-RIL-351-2	.	108	106	1	1	0	0	108	2019	Preston	V3	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
39	BxN-RIL-351-2	.	108	106	1	1	0	0	108	2019	Preston	W1	5
40	BxN-RIL-351-2	.	108	106	1	1	0	0	108	2019	Preston	W2	6
41	BxN-RIL-351-2	.	108	106	1	1	0	0	108	2019	Preston	W3	5
42	NxB-RIL-365-18	.	456	107	1	1	0	0	456	2019	Preston	STD	2
43	NxB-RIL-365-18	.	456	107	1	1	0	0	456	2019	Preston	V1	2
44	NxB-RIL-365-18	.	456	107	1	1	0	0	456	2019	Preston	V2	4
45	NxB-RIL-365-18	.	456	107	1	1	0	0	456	2019	Preston	V3	3
46	NxB-RIL-365-18	.	456	107	1	1	0	0	456	2019	Preston	W1	0
47	NxB-RIL-365-18	.	456	107	1	1	0	0	456	2019	Preston	W2	3
48	NxB-RIL-365-18	.	456	107	1	1	0	0	456	2019	Preston	W3	2
49	NxB-RIL-362-20	.	389	108	1	1	0	0	389	2019	Preston	STD	3
50	NxB-RIL-362-20	.	389	108	1	1	0	0	389	2019	Preston	V1	3
51	NxB-RIL-362-20	.	389	108	1	1	0	0	389	2019	Preston	V2	4
52	NxB-RIL-362-20	.	389	108	1	1	0	0	389	2019	Preston	V3	3
53	NxB-RIL-362-20	.	389	108	1	1	0	0	389	2019	Preston	W1	4
54	NxB-RIL-362-20	.	389	108	1	1	0	0	389	2019	Preston	W2	4
55	NxB-RIL-362-20	.	389	108	1	1	0	0	389	2019	Preston	W3	2
56	NxB-RIL-365-28	.	465	109	1	1	0	0	465	2019	Preston	STD	1
57	NxB-RIL-365-28	.	465	109	1	1	0	0	465	2019	Preston	V1	1
58	NxB-RIL-365-28	.	465	109	1	1	0	0	465	2019	Preston	V2	3
59	NxB-RIL-365-28	.	465	109	1	1	0	0	465	2019	Preston	V3	1
60	NxB-RIL-365-28	.	465	109	1	1	0	0	465	2019	Preston	W1	2
61	NxB-RIL-365-28	.	465	109	1	1	0	0	465	2019	Preston	W2	5
62	NxB-RIL-365-28	.	465	109	1	1	0	0	465	2019	Preston	W3	5
63	BxN-RIL-349-23	.	86	110	1	2	0	0	86	2019	Preston	STD	3
64	BxN-RIL-349-23	.	86	110	1	2	0	0	86	2019	Preston	V1	4
65	BxN-RIL-349-23	.	86	110	1	2	0	0	86	2019	Preston	V2	4
66	BxN-RIL-349-23	.	86	110	1	2	0	0	86	2019	Preston	V3	4
67	BxN-RIL-349-23	.	86	110	1	2	0	0	86	2019	Preston	W1	1
68	BxN-RIL-349-23	.	86	110	1	2	0	0	86	2019	Preston	W2	4
69	BxN-RIL-349-23	.	86	110	1	2	0	0	86	2019	Preston	W3	5
70	BxN-RIL-360-23	.	331	111	1	2	0	0	331	2019	Preston	STD	1
71	BxN-RIL-360-23	.	331	111	1	2	0	0	331	2019	Preston	V1	1
72	BxN-RIL-360-23	.	331	111	1	2	0	0	331	2019	Preston	V2	2
73	BxN-RIL-360-23	.	331	111	1	2	0	0	331	2019	Preston	V3	1
74	BxN-RIL-360-23	.	331	111	1	2	0	0	331	2019	Preston	W1	0
75	BxN-RIL-360-23	.	331	111	1	2	0	0	331	2019	Preston	W2	4
76	BxN-RIL-360-23	.	331	111	1	2	0	0	331	2019	Preston	W3	0

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
77	NxB-RIL-363-25	.	415	112	1	2	0	0	415	2019	Preston	STD	2
78	NxB-RIL-363-25	.	415	112	1	2	0	0	415	2019	Preston	V1	2
79	NxB-RIL-363-25	.	415	112	1	2	0	0	415	2019	Preston	V2	4
80	NxB-RIL-363-25	.	415	112	1	2	0	0	415	2019	Preston	V3	4
81	NxB-RIL-363-25	.	415	112	1	2	0	0	415	2019	Preston	W1	0
82	NxB-RIL-363-25	.	415	112	1	2	0	0	415	2019	Preston	W2	4
83	NxB-RIL-363-25	.	415	112	1	2	0	0	415	2019	Preston	W3	5
84	NxB-RIL-362-3	.	374	113	1	2	0	0	374	2019	Preston	STD	2
85	NxB-RIL-362-3	.	374	113	1	2	0	0	374	2019	Preston	V1	2
86	NxB-RIL-362-3	.	374	113	1	2	0	0	374	2019	Preston	V2	4
87	NxB-RIL-362-3	.	374	113	1	2	0	0	374	2019	Preston	V3	3
88	NxB-RIL-362-3	.	374	113	1	2	0	0	374	2019	Preston	W1	3
89	NxB-RIL-362-3	.	374	113	1	2	0	0	374	2019	Preston	W2	4
90	NxB-RIL-362-3	.	374	113	1	2	0	0	374	2019	Preston	W3	4
91	NorLin	1+2	715	114	1	2	1	0	715	2019	Preston	STD	3
92	NorLin	1+2	715	114	1	2	1	0	715	2019	Preston	V1	3
93	NorLin	1+2	715	114	1	2	1	0	715	2019	Preston	V2	4
94	NorLin	1+2	715	114	1	2	1	0	715	2019	Preston	V3	3
95	NorLin	1+2	715	114	1	2	1	0	715	2019	Preston	W1	0
96	NorLin	1+2	715	114	1	2	1	0	715	2019	Preston	W2	4
97	NorLin	1+2	715	114	1	2	1	0	715	2019	Preston	W3	1
98	NxB-RIL-373-29	.	654	115	1	2	0	0	654	2019	Preston	STD	4
99	NxB-RIL-373-29	.	654	115	1	2	0	0	654	2019	Preston	V1	4
100	NxB-RIL-373-29	.	654	115	1	2	0	0	654	2019	Preston	V2	5
101	NxB-RIL-373-29	.	654	115	1	2	0	0	654	2019	Preston	V3	5
102	NxB-RIL-373-29	.	654	115	1	2	0	0	654	2019	Preston	W1	6
103	NxB-RIL-373-29	.	654	115	1	2	0	0	654	2019	Preston	W2	8
104	NxB-RIL-373-29	.	654	115	1	2	0	0	654	2019	Preston	W3	7
105	NxB-RIL-362-15	.	384	116	1	2	0	0	384	2019	Preston	STD	2
106	NxB-RIL-362-15	.	384	116	1	2	0	0	384	2019	Preston	V1	3
107	NxB-RIL-362-15	.	384	116	1	2	0	0	384	2019	Preston	V2	5
108	NxB-RIL-362-15	.	384	116	1	2	0	0	384	2019	Preston	V3	4
109	NxB-RIL-362-15	.	384	116	1	2	0	0	384	2019	Preston	W1	1
110	NxB-RIL-362-15	.	384	116	1	2	0	0	384	2019	Preston	W2	6
111	NxB-RIL-362-15	.	384	116	1	2	0	0	384	2019	Preston	W3	5
112	BxN-RIL-349-1	.	68	117	1	2	0	0	68	2019	Preston	STD	2
113	BxN-RIL-349-1	.	68	117	1	2	0	0	68	2019	Preston	V1	3
114	BxN-RIL-349-1	.	68	117	1	2	0	0	68	2019	Preston	V2	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
115	BxN-RIL-349-1	.	68	117	1	2	0	0	68	2019	Preston	V3	3
116	BxN-RIL-349-1	.	68	117	1	2	0	0	68	2019	Preston	W1	0
117	BxN-RIL-349-1	.	68	117	1	2	0	0	68	2019	Preston	W2	4
118	BxN-RIL-349-1	.	68	117	1	2	0	0	68	2019	Preston	W3	1
119	NxB-RIL-362-21	.	390	118	1	2	0	0	390	2019	Preston	STD	4
120	NxB-RIL-362-21	.	390	118	1	2	0	0	390	2019	Preston	V1	4
121	NxB-RIL-362-21	.	390	118	1	2	0	0	390	2019	Preston	V2	5
122	NxB-RIL-362-21	.	390	118	1	2	0	0	390	2019	Preston	V3	5
123	NxB-RIL-362-21	.	390	118	1	2	0	0	390	2019	Preston	W1	5
124	NxB-RIL-362-21	.	390	118	1	2	0	0	390	2019	Preston	W2	7
125	NxB-RIL-362-21	.	390	118	1	2	0	0	390	2019	Preston	W3	8
126	NxB-RIL-374-29	.	680	119	1	3	0	0	680	2019	Preston	STD	1
127	NxB-RIL-374-29	.	680	119	1	3	0	0	680	2019	Preston	V1	1
128	NxB-RIL-374-29	.	680	119	1	3	0	0	680	2019	Preston	V2	1
129	NxB-RIL-374-29	.	680	119	1	3	0	0	680	2019	Preston	V3	1
130	NxB-RIL-374-29	.	680	119	1	3	0	0	680	2019	Preston	W1	0
131	NxB-RIL-374-29	.	680	119	1	3	0	0	680	2019	Preston	W2	4
132	NxB-RIL-374-29	.	680	119	1	3	0	0	680	2019	Preston	W3	1
133	BxN-RIL-360-19	.	327	120	1	3	0	0	327	2019	Preston	STD	2
134	BxN-RIL-360-19	.	327	120	1	3	0	0	327	2019	Preston	V1	2
135	BxN-RIL-360-19	.	327	120	1	3	0	0	327	2019	Preston	V2	2
136	BxN-RIL-360-19	.	327	120	1	3	0	0	327	2019	Preston	V3	1
137	BxN-RIL-360-19	.	327	120	1	3	0	0	327	2019	Preston	W1	1
138	BxN-RIL-360-19	.	327	120	1	3	0	0	327	2019	Preston	W2	3
139	BxN-RIL-360-19	.	327	120	1	3	0	0	327	2019	Preston	W3	1
140	NxB-RIL-375-8	.	690	121	1	3	0	0	690	2019	Preston	STD	3
141	NxB-RIL-375-8	.	690	121	1	3	0	0	690	2019	Preston	V1	2
142	NxB-RIL-375-8	.	690	121	1	3	0	0	690	2019	Preston	V2	2
143	NxB-RIL-375-8	.	690	121	1	3	0	0	690	2019	Preston	V3	2
144	NxB-RIL-375-8	.	690	121	1	3	0	0	690	2019	Preston	W1	4
145	NxB-RIL-375-8	.	690	121	1	3	0	0	690	2019	Preston	W2	4
146	NxB-RIL-375-8	.	690	121	1	3	0	0	690	2019	Preston	W3	2
147	NxB-RIL-363-6	.	401	122	1	3	0	0	401	2019	Preston	STD	2
148	NxB-RIL-363-6	.	401	122	1	3	0	0	401	2019	Preston	V1	2
149	NxB-RIL-363-6	.	401	122	1	3	0	0	401	2019	Preston	V2	2
150	NxB-RIL-363-6	.	401	122	1	3	0	0	401	2019	Preston	V3	1
151	NxB-RIL-363-6	.	401	122	1	3	0	0	401	2019	Preston	W1	0
152	NxB-RIL-363-6	.	401	122	1	3	0	0	401	2019	Preston	W2	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
153	NxB-RIL-363-6	.	401	122	1	3	0	0	401	2019	Preston	W3	0
154	NorLin	1+3	715	123	1	3	1	0	715	2019	Preston	STD	3
155	NorLin	1+3	715	123	1	3	1	0	715	2019	Preston	V1	4
156	NorLin	1+3	715	123	1	3	1	0	715	2019	Preston	V2	4
157	NorLin	1+3	715	123	1	3	1	0	715	2019	Preston	V3	3
158	NorLin	1+3	715	123	1	3	1	0	715	2019	Preston	W1	0
159	NorLin	1+3	715	123	1	3	1	0	715	2019	Preston	W2	4
160	NorLin	1+3	715	123	1	3	1	0	715	2019	Preston	W3	1
161	BxN-RIL-351-4	.	109	124	1	3	0	0	109	2019	Preston	STD	4
162	BxN-RIL-351-4	.	109	124	1	3	0	0	109	2019	Preston	V1	3
163	BxN-RIL-351-4	.	109	124	1	3	0	0	109	2019	Preston	V2	4
164	BxN-RIL-351-4	.	109	124	1	3	0	0	109	2019	Preston	V3	3
165	BxN-RIL-351-4	.	109	124	1	3	0	0	109	2019	Preston	W1	2
166	BxN-RIL-351-4	.	109	124	1	3	0	0	109	2019	Preston	W2	5
167	BxN-RIL-351-4	.	109	124	1	3	0	0	109	2019	Preston	W3	4
168	BxN-RIL-353-22	.	166	125	1	3	0	0	166	2019	Preston	STD	2
169	BxN-RIL-353-22	.	166	125	1	3	0	0	166	2019	Preston	V1	3
170	BxN-RIL-353-22	.	166	125	1	3	0	0	166	2019	Preston	V2	4
171	BxN-RIL-353-22	.	166	125	1	3	0	0	166	2019	Preston	V3	3
172	BxN-RIL-353-22	.	166	125	1	3	0	0	166	2019	Preston	W1	0
173	BxN-RIL-353-22	.	166	125	1	3	0	0	166	2019	Preston	W2	5
174	BxN-RIL-353-22	.	166	125	1	3	0	0	166	2019	Preston	W3	2
175	BxN-RIL-348-11	.	55	126	1	3	0	0	55	2019	Preston	STD	3
176	BxN-RIL-348-11	.	55	126	1	3	0	0	55	2019	Preston	V1	4
177	BxN-RIL-348-11	.	55	126	1	3	0	0	55	2019	Preston	V2	4
178	BxN-RIL-348-11	.	55	126	1	3	0	0	55	2019	Preston	V3	4
179	BxN-RIL-348-11	.	55	126	1	3	0	0	55	2019	Preston	W1	0
180	BxN-RIL-348-11	.	55	126	1	3	0	0	55	2019	Preston	W2	5
181	BxN-RIL-348-11	.	55	126	1	3	0	0	55	2019	Preston	W3	4
182	NxB-RIL-370-14	.	570	127	1	3	0	0	570	2019	Preston	STD	2
183	NxB-RIL-370-14	.	570	127	1	3	0	0	570	2019	Preston	V1	2
184	NxB-RIL-370-14	.	570	127	1	3	0	0	570	2019	Preston	V2	4
185	NxB-RIL-370-14	.	570	127	1	3	0	0	570	2019	Preston	V3	1
186	NxB-RIL-370-14	.	570	127	1	3	0	0	570	2019	Preston	W1	0
187	NxB-RIL-370-14	.	570	127	1	3	0	0	570	2019	Preston	W2	6
188	NxB-RIL-370-14	.	570	127	1	3	0	0	570	2019	Preston	W3	4
189	BxN-RIL-353-18	.	163	128	1	4	0	0	163	2019	Preston	STD	2
190	BxN-RIL-353-18	.	163	128	1	4	0	0	163	2019	Preston	V1	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
191	BxN-RIL-353-18	.	163	128	1	4	0	0	163	2019	Preston	V2	3
192	BxN-RIL-353-18	.	163	128	1	4	0	0	163	2019	Preston	V3	2
193	BxN-RIL-353-18	.	163	128	1	4	0	0	163	2019	Preston	W1	0
194	BxN-RIL-353-18	.	163	128	1	4	0	0	163	2019	Preston	W2	3
195	BxN-RIL-353-18	.	163	128	1	4	0	0	163	2019	Preston	W3	5
196	BxN-RIL-357-12	.	241	129	1	4	0	0	241	2019	Preston	STD	2
197	BxN-RIL-357-12	.	241	129	1	4	0	0	241	2019	Preston	V1	3
198	BxN-RIL-357-12	.	241	129	1	4	0	0	241	2019	Preston	V2	3
199	BxN-RIL-357-12	.	241	129	1	4	0	0	241	2019	Preston	V3	2
200	BxN-RIL-357-12	.	241	129	1	4	0	0	241	2019	Preston	W1	0
201	BxN-RIL-357-12	.	241	129	1	4	0	0	241	2019	Preston	W2	4
202	BxN-RIL-357-12	.	241	129	1	4	0	0	241	2019	Preston	W3	2
203	BxN-RIL-347-8	.	30	130	1	4	0	0	30	2019	Preston	STD	4
204	BxN-RIL-347-8	.	30	130	1	4	0	0	30	2019	Preston	V1	3
205	BxN-RIL-347-8	.	30	130	1	4	0	0	30	2019	Preston	V2	4
206	BxN-RIL-347-8	.	30	130	1	4	0	0	30	2019	Preston	V3	3
207	BxN-RIL-347-8	.	30	130	1	4	0	0	30	2019	Preston	W1	5
208	BxN-RIL-347-8	.	30	130	1	4	0	0	30	2019	Preston	W2	7
209	BxN-RIL-347-8	.	30	130	1	4	0	0	30	2019	Preston	W3	5
210	NxB-RIL-375-5	.	687	131	1	4	0	0	687	2019	Preston	STD	2
211	NxB-RIL-375-5	.	687	131	1	4	0	0	687	2019	Preston	V1	2
212	NxB-RIL-375-5	.	687	131	1	4	0	0	687	2019	Preston	V2	3
213	NxB-RIL-375-5	.	687	131	1	4	0	0	687	2019	Preston	V3	1
214	NxB-RIL-375-5	.	687	131	1	4	0	0	687	2019	Preston	W1	3
215	NxB-RIL-375-5	.	687	131	1	4	0	0	687	2019	Preston	W2	5
216	NxB-RIL-375-5	.	687	131	1	4	0	0	687	2019	Preston	W3	4
217	NorLin	1+4	715	132	1	4	1	0	715	2019	Preston	STD	3
218	NorLin	1+4	715	132	1	4	1	0	715	2019	Preston	V1	3
219	NorLin	1+4	715	132	1	4	1	0	715	2019	Preston	V2	4
220	NorLin	1+4	715	132	1	4	1	0	715	2019	Preston	V3	3
221	NorLin	1+4	715	132	1	4	1	0	715	2019	Preston	W1	0
222	NorLin	1+4	715	132	1	4	1	0	715	2019	Preston	W2	4
223	NorLin	1+4	715	132	1	4	1	0	715	2019	Preston	W3	4
224	NxB-RIL-366-23	.	484	133	1	4	0	0	484	2019	Preston	STD	2
225	NxB-RIL-366-23	.	484	133	1	4	0	0	484	2019	Preston	V1	3
226	NxB-RIL-366-23	.	484	133	1	4	0	0	484	2019	Preston	V2	3
227	NxB-RIL-366-23	.	484	133	1	4	0	0	484	2019	Preston	V3	3
228	NxB-RIL-366-23	.	484	133	1	4	0	0	484	2019	Preston	W1	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
229	NxB-RIL-366-23	.	484	133	1	4	0	0	484	2019	Preston	W2	5
230	NxB-RIL-366-23	.	484	133	1	4	0	0	484	2019	Preston	W3	4
231	NxB-RIL-374-4	.	659	134	1	4	0	0	659	2019	Preston	STD	3
232	NxB-RIL-374-4	.	659	134	1	4	0	0	659	2019	Preston	V1	4
233	NxB-RIL-374-4	.	659	134	1	4	0	0	659	2019	Preston	V2	4
234	NxB-RIL-374-4	.	659	134	1	4	0	0	659	2019	Preston	V3	3
235	NxB-RIL-374-4	.	659	134	1	4	0	0	659	2019	Preston	W1	2
236	NxB-RIL-374-4	.	659	134	1	4	0	0	659	2019	Preston	W2	4
237	NxB-RIL-374-4	.	659	134	1	4	0	0	659	2019	Preston	W3	5
238	BxN-RIL-352-28	.	145	135	1	4	0	0	145	2019	Preston	STD	3
239	BxN-RIL-352-28	.	145	135	1	4	0	0	145	2019	Preston	V1	3
240	BxN-RIL-352-28	.	145	135	1	4	0	0	145	2019	Preston	V2	3
241	BxN-RIL-352-28	.	145	135	1	4	0	0	145	2019	Preston	V3	2
242	BxN-RIL-352-28	.	145	135	1	4	0	0	145	2019	Preston	W1	0
243	BxN-RIL-352-28	.	145	135	1	4	0	0	145	2019	Preston	W2	5
244	BxN-RIL-352-28	.	145	135	1	4	0	0	145	2019	Preston	W3	2
245	BxN-RIL-360-31	.	339	136	1	4	0	0	339	2019	Preston	STD	3
246	BxN-RIL-360-31	.	339	136	1	4	0	0	339	2019	Preston	V1	4
247	BxN-RIL-360-31	.	339	136	1	4	0	0	339	2019	Preston	V2	4
248	BxN-RIL-360-31	.	339	136	1	4	0	0	339	2019	Preston	V3	3
249	BxN-RIL-360-31	.	339	136	1	4	0	0	339	2019	Preston	W1	5
250	BxN-RIL-360-31	.	339	136	1	4	0	0	339	2019	Preston	W2	5
251	BxN-RIL-360-31	.	339	136	1	4	0	0	339	2019	Preston	W3	4
252	BxN-RIL-355-14	.	202	137	1	5	0	0	202	2019	Preston	STD	2
253	BxN-RIL-355-14	.	202	137	1	5	0	0	202	2019	Preston	V1	2
254	BxN-RIL-355-14	.	202	137	1	5	0	0	202	2019	Preston	V2	3
255	BxN-RIL-355-14	.	202	137	1	5	0	0	202	2019	Preston	V3	1
256	BxN-RIL-355-14	.	202	137	1	5	0	0	202	2019	Preston	W1	0
257	BxN-RIL-355-14	.	202	137	1	5	0	0	202	2019	Preston	W2	5
258	BxN-RIL-355-14	.	202	137	1	5	0	0	202	2019	Preston	W3	2
259	BxN-RIL-355-20	.	206	138	1	5	0	0	206	2019	Preston	STD	3
260	BxN-RIL-355-20	.	206	138	1	5	0	0	206	2019	Preston	V1	4
261	BxN-RIL-355-20	.	206	138	1	5	0	0	206	2019	Preston	V2	5
262	BxN-RIL-355-20	.	206	138	1	5	0	0	206	2019	Preston	V3	4
263	BxN-RIL-355-20	.	206	138	1	5	0	0	206	2019	Preston	W1	1
264	BxN-RIL-355-20	.	206	138	1	5	0	0	206	2019	Preston	W2	7
265	BxN-RIL-355-20	.	206	138	1	5	0	0	206	2019	Preston	W3	6
266	NxB-RIL-362-5	.	376	139	1	5	0	0	376	2019	Preston	STD	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
267	NxB-RIL-362-5	.	376	139	1	5	0	0	376	2019	Preston	V1	4
268	NxB-RIL-362-5	.	376	139	1	5	0	0	376	2019	Preston	V2	3
269	NxB-RIL-362-5	.	376	139	1	5	0	0	376	2019	Preston	V3	4
270	NxB-RIL-362-5	.	376	139	1	5	0	0	376	2019	Preston	W1	4
271	NxB-RIL-362-5	.	376	139	1	5	0	0	376	2019	Preston	W2	4
272	NxB-RIL-362-5	.	376	139	1	5	0	0	376	2019	Preston	W3	5
273	NxB-RIL-374-26	.	677	140	1	5	0	0	677	2019	Preston	STD	4
274	NxB-RIL-374-26	.	677	140	1	5	0	0	677	2019	Preston	V1	4
275	NxB-RIL-374-26	.	677	140	1	5	0	0	677	2019	Preston	V2	5
276	NxB-RIL-374-26	.	677	140	1	5	0	0	677	2019	Preston	V3	4
277	NxB-RIL-374-26	.	677	140	1	5	0	0	677	2019	Preston	W1	6
278	NxB-RIL-374-26	.	677	140	1	5	0	0	677	2019	Preston	W2	4
279	NxB-RIL-374-26	.	677	140	1	5	0	0	677	2019	Preston	W3	6
280	NorLin	1+5	715	141	1	5	1	0	715	2019	Preston	STD	4
281	NorLin	1+5	715	141	1	5	1	0	715	2019	Preston	V1	3
282	NorLin	1+5	715	141	1	5	1	0	715	2019	Preston	V2	4
283	NorLin	1+5	715	141	1	5	1	0	715	2019	Preston	V3	3
284	NorLin	1+5	715	141	1	5	1	0	715	2019	Preston	W1	0
285	NorLin	1+5	715	141	1	5	1	0	715	2019	Preston	W2	6
286	NorLin	1+5	715	141	1	5	1	0	715	2019	Preston	W3	2
287	NxB-RIL-364-25	.	439	142	1	5	0	0	439	2019	Preston	STD	2
288	NxB-RIL-364-25	.	439	142	1	5	0	0	439	2019	Preston	V1	2
289	NxB-RIL-364-25	.	439	142	1	5	0	0	439	2019	Preston	V2	5
290	NxB-RIL-364-25	.	439	142	1	5	0	0	439	2019	Preston	V3	3
291	NxB-RIL-364-25	.	439	142	1	5	0	0	439	2019	Preston	W1	0
292	NxB-RIL-364-25	.	439	142	1	5	0	0	439	2019	Preston	W2	7
293	NxB-RIL-364-25	.	439	142	1	5	0	0	439	2019	Preston	W3	2
294	BxN-RIL-348-16	.	59	143	1	5	0	0	59	2019	Preston	STD	2
295	BxN-RIL-348-16	.	59	143	1	5	0	0	59	2019	Preston	V1	2
296	BxN-RIL-348-16	.	59	143	1	5	0	0	59	2019	Preston	V2	3
297	BxN-RIL-348-16	.	59	143	1	5	0	0	59	2019	Preston	V3	2
298	BxN-RIL-348-16	.	59	143	1	5	0	0	59	2019	Preston	W1	1
299	BxN-RIL-348-16	.	59	143	1	5	0	0	59	2019	Preston	W2	3
300	BxN-RIL-348-16	.	59	143	1	5	0	0	59	2019	Preston	W3	4
301	NxB-RIL-369-1	.	535	144	1	5	0	0	535	2019	Preston	STD	1
302	NxB-RIL-369-1	.	535	144	1	5	0	0	535	2019	Preston	V1	1
303	NxB-RIL-369-1	.	535	144	1	5	0	0	535	2019	Preston	V2	3
304	NxB-RIL-369-1	.	535	144	1	5	0	0	535	2019	Preston	V3	1



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
305	NxB-RIL-369-1	.	535	144	1	5	0	0	535	2019	Preston	W1	0
306	NxB-RIL-369-1	.	535	144	1	5	0	0	535	2019	Preston	W2	4
307	NxB-RIL-369-1	.	535	144	1	5	0	0	535	2019	Preston	W3	0
308	BxN-RIL-352-16	.	135	145	1	5	0	0	135	2019	Preston	STD	2
309	BxN-RIL-352-16	.	135	145	1	5	0	0	135	2019	Preston	V1	2
310	BxN-RIL-352-16	.	135	145	1	5	0	0	135	2019	Preston	V2	3
311	BxN-RIL-352-16	.	135	145	1	5	0	0	135	2019	Preston	V3	2
312	BxN-RIL-352-16	.	135	145	1	5	0	0	135	2019	Preston	W1	0
313	BxN-RIL-352-16	.	135	145	1	5	0	0	135	2019	Preston	W2	4
314	BxN-RIL-352-16	.	135	145	1	5	0	0	135	2019	Preston	W3	0
315	BxN-RIL-347-11	.	33	146	1	6	0	0	33	2019	Preston	STD	1
316	BxN-RIL-347-11	.	33	146	1	6	0	0	33	2019	Preston	V1	2
317	BxN-RIL-347-11	.	33	146	1	6	0	0	33	2019	Preston	V2	2
318	BxN-RIL-347-11	.	33	146	1	6	0	0	33	2019	Preston	V3	3
319	BxN-RIL-347-11	.	33	146	1	6	0	0	33	2019	Preston	W1	0
320	BxN-RIL-347-11	.	33	146	1	6	0	0	33	2019	Preston	W2	5
321	BxN-RIL-347-11	.	33	146	1	6	0	0	33	2019	Preston	W3	0
322	NxB-RIL-375-21	.	702	147	1	6	0	0	702	2019	Preston	STD	3
323	NxB-RIL-375-21	.	702	147	1	6	0	0	702	2019	Preston	V1	3
324	NxB-RIL-375-21	.	702	147	1	6	0	0	702	2019	Preston	V2	3
325	NxB-RIL-375-21	.	702	147	1	6	0	0	702	2019	Preston	V3	2
326	NxB-RIL-375-21	.	702	147	1	6	0	0	702	2019	Preston	W1	4
327	NxB-RIL-375-21	.	702	147	1	6	0	0	702	2019	Preston	W2	5
328	NxB-RIL-375-21	.	702	147	1	6	0	0	702	2019	Preston	W3	0
329	BxN-RIL-347-2	.	24	148	1	6	0	0	24	2019	Preston	STD	2
330	BxN-RIL-347-2	.	24	148	1	6	0	0	24	2019	Preston	V1	2
331	BxN-RIL-347-2	.	24	148	1	6	0	0	24	2019	Preston	V2	3
332	BxN-RIL-347-2	.	24	148	1	6	0	0	24	2019	Preston	V3	3
333	BxN-RIL-347-2	.	24	148	1	6	0	0	24	2019	Preston	W1	0
334	BxN-RIL-347-2	.	24	148	1	6	0	0	24	2019	Preston	W2	5
335	BxN-RIL-347-2	.	24	148	1	6	0	0	24	2019	Preston	W3	4
336	BxN-RIL-357-1	.	233	149	1	6	0	0	233	2019	Preston	STD	2
337	BxN-RIL-357-1	.	233	149	1	6	0	0	233	2019	Preston	V1	3
338	BxN-RIL-357-1	.	233	149	1	6	0	0	233	2019	Preston	V2	3
339	BxN-RIL-357-1	.	233	149	1	6	0	0	233	2019	Preston	V3	4
340	BxN-RIL-357-1	.	233	149	1	6	0	0	233	2019	Preston	W1	0
341	BxN-RIL-357-1	.	233	149	1	6	0	0	233	2019	Preston	W2	4
342	BxN-RIL-357-1	.	233	149	1	6	0	0	233	2019	Preston	W3	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
343	NorLin	1+6	715	150	1	6	1	0	715	2019	Preston	STD	3
344	NorLin	1+6	715	150	1	6	1	0	715	2019	Preston	V1	4
345	NorLin	1+6	715	150	1	6	1	0	715	2019	Preston	V2	3
346	NorLin	1+6	715	150	1	6	1	0	715	2019	Preston	V3	3
347	NorLin	1+6	715	150	1	6	1	0	715	2019	Preston	W1	0
348	NorLin	1+6	715	150	1	6	1	0	715	2019	Preston	W2	5
349	NorLin	1+6	715	150	1	6	1	0	715	2019	Preston	W3	0
350	BxN-RIL-348-13	.	56	151	1	6	0	0	56	2019	Preston	STD	2
351	BxN-RIL-348-13	.	56	151	1	6	0	0	56	2019	Preston	V1	3
352	BxN-RIL-348-13	.	56	151	1	6	0	0	56	2019	Preston	V2	4
353	BxN-RIL-348-13	.	56	151	1	6	0	0	56	2019	Preston	V3	4
354	BxN-RIL-348-13	.	56	151	1	6	0	0	56	2019	Preston	W1	5
355	BxN-RIL-348-13	.	56	151	1	6	0	0	56	2019	Preston	W2	5
356	BxN-RIL-348-13	.	56	151	1	6	0	0	56	2019	Preston	W3	5
357	BxN-RIL-353-10	.	155	152	1	6	0	0	155	2019	Preston	STD	3
358	BxN-RIL-353-10	.	155	152	1	6	0	0	155	2019	Preston	V1	4
359	BxN-RIL-353-10	.	155	152	1	6	0	0	155	2019	Preston	V2	4
360	BxN-RIL-353-10	.	155	152	1	6	0	0	155	2019	Preston	V3	5
361	BxN-RIL-353-10	.	155	152	1	6	0	0	155	2019	Preston	W1	1
362	BxN-RIL-353-10	.	155	152	1	6	0	0	155	2019	Preston	W2	4
363	BxN-RIL-353-10	.	155	152	1	6	0	0	155	2019	Preston	W3	7
364	BxN-RIL-349-13	.	78	153	1	6	0	0	78	2019	Preston	STD	2
365	BxN-RIL-349-13	.	78	153	1	6	0	0	78	2019	Preston	V1	1
366	BxN-RIL-349-13	.	78	153	1	6	0	0	78	2019	Preston	V2	4
367	BxN-RIL-349-13	.	78	153	1	6	0	0	78	2019	Preston	V3	1
368	BxN-RIL-349-13	.	78	153	1	6	0	0	78	2019	Preston	W1	2
369	BxN-RIL-349-13	.	78	153	1	6	0	0	78	2019	Preston	W2	5
370	BxN-RIL-349-13	.	78	153	1	6	0	0	78	2019	Preston	W3	0
371	NxB-RIL-375-6	.	688	154	1	6	0	0	688	2019	Preston	STD	3
372	NxB-RIL-375-6	.	688	154	1	6	0	0	688	2019	Preston	V1	3
373	NxB-RIL-375-6	.	688	154	1	6	0	0	688	2019	Preston	V2	4
374	NxB-RIL-375-6	.	688	154	1	6	0	0	688	2019	Preston	V3	3
375	NxB-RIL-375-6	.	688	154	1	6	0	0	688	2019	Preston	W1	4
376	NxB-RIL-375-6	.	688	154	1	6	0	0	688	2019	Preston	W2	6
377	NxB-RIL-375-6	.	688	154	1	6	0	0	688	2019	Preston	W3	1
378	BxN-RIL-350-8	.	94	155	1	7	0	0	94	2019	Preston	STD	3
379	BxN-RIL-350-8	.	94	155	1	7	0	0	94	2019	Preston	V1	4
380	BxN-RIL-350-8	.	94	155	1	7	0	0	94	2019	Preston	V2	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
381	BxN-RIL-350-8	.	94	155	1	7	0	0	94	2019	Preston	V3	5
382	BxN-RIL-350-8	.	94	155	1	7	0	0	94	2019	Preston	W1	2
383	BxN-RIL-350-8	.	94	155	1	7	0	0	94	2019	Preston	W2	4
384	BxN-RIL-350-8	.	94	155	1	7	0	0	94	2019	Preston	W3	7
385	BxN-RIL-359-25	.	304	156	1	7	0	0	304	2019	Preston	STD	3
386	BxN-RIL-359-25	.	304	156	1	7	0	0	304	2019	Preston	V1	4
387	BxN-RIL-359-25	.	304	156	1	7	0	0	304	2019	Preston	V2	3
388	BxN-RIL-359-25	.	304	156	1	7	0	0	304	2019	Preston	V3	4
389	BxN-RIL-359-25	.	304	156	1	7	0	0	304	2019	Preston	W1	1
390	BxN-RIL-359-25	.	304	156	1	7	0	0	304	2019	Preston	W2	5
391	BxN-RIL-359-25	.	304	156	1	7	0	0	304	2019	Preston	W3	7
392	NxB-RIL-362-17	.	386	157	1	7	0	0	386	2019	Preston	STD	4
393	NxB-RIL-362-17	.	386	157	1	7	0	0	386	2019	Preston	V1	4
394	NxB-RIL-362-17	.	386	157	1	7	0	0	386	2019	Preston	V2	5
395	NxB-RIL-362-17	.	386	157	1	7	0	0	386	2019	Preston	V3	4
396	NxB-RIL-362-17	.	386	157	1	7	0	0	386	2019	Preston	W1	3
397	NxB-RIL-362-17	.	386	157	1	7	0	0	386	2019	Preston	W2	6
398	NxB-RIL-362-17	.	386	157	1	7	0	0	386	2019	Preston	W3	4
399	BxN-RIL-355-9	.	199	158	1	7	0	0	199	2019	Preston	STD	4
400	BxN-RIL-355-9	.	199	158	1	7	0	0	199	2019	Preston	V1	4
401	BxN-RIL-355-9	.	199	158	1	7	0	0	199	2019	Preston	V2	5
402	BxN-RIL-355-9	.	199	158	1	7	0	0	199	2019	Preston	V3	5
403	BxN-RIL-355-9	.	199	158	1	7	0	0	199	2019	Preston	W1	1
404	BxN-RIL-355-9	.	199	158	1	7	0	0	199	2019	Preston	W2	7
405	BxN-RIL-355-9	.	199	158	1	7	0	0	199	2019	Preston	W3	8
406	NorLin	1+7	715	159	1	7	1	0	715	2019	Preston	STD	3
407	NorLin	1+7	715	159	1	7	1	0	715	2019	Preston	V1	4
408	NorLin	1+7	715	159	1	7	1	0	715	2019	Preston	V2	4
409	NorLin	1+7	715	159	1	7	1	0	715	2019	Preston	V3	3
410	NorLin	1+7	715	159	1	7	1	0	715	2019	Preston	W1	0
411	NorLin	1+7	715	159	1	7	1	0	715	2019	Preston	W2	5
412	NorLin	1+7	715	159	1	7	1	0	715	2019	Preston	W3	2
413	BxN-RIL-351-23	.	123	160	1	7	0	0	123	2019	Preston	STD	2
414	BxN-RIL-351-23	.	123	160	1	7	0	0	123	2019	Preston	V1	2
415	BxN-RIL-351-23	.	123	160	1	7	0	0	123	2019	Preston	V2	4
416	BxN-RIL-351-23	.	123	160	1	7	0	0	123	2019	Preston	V3	3
417	BxN-RIL-351-23	.	123	160	1	7	0	0	123	2019	Preston	W1	3
418	BxN-RIL-351-23	.	123	160	1	7	0	0	123	2019	Preston	W2	6

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
419	BxN-RIL-351-23	.	123	160	1	7	0	0	123	2019	Preston	W3	6
420	NxB-RIL-362-33	.	397	161	1	7	0	0	397	2019	Preston	STD	3
421	NxB-RIL-362-33	.	397	161	1	7	0	0	397	2019	Preston	V1	3
422	NxB-RIL-362-33	.	397	161	1	7	0	0	397	2019	Preston	V2	4
423	NxB-RIL-362-33	.	397	161	1	7	0	0	397	2019	Preston	V3	4
424	NxB-RIL-362-33	.	397	161	1	7	0	0	397	2019	Preston	W1	1
425	NxB-RIL-362-33	.	397	161	1	7	0	0	397	2019	Preston	W2	6
426	NxB-RIL-362-33	.	397	161	1	7	0	0	397	2019	Preston	W3	5
427	BxN-RIL-353-3	.	148	162	1	7	0	0	148	2019	Preston	STD	3
428	BxN-RIL-353-3	.	148	162	1	7	0	0	148	2019	Preston	V1	3
429	BxN-RIL-353-3	.	148	162	1	7	0	0	148	2019	Preston	V2	4
430	BxN-RIL-353-3	.	148	162	1	7	0	0	148	2019	Preston	V3	2
431	BxN-RIL-353-3	.	148	162	1	7	0	0	148	2019	Preston	W1	2
432	BxN-RIL-353-3	.	148	162	1	7	0	0	148	2019	Preston	W2	5
433	BxN-RIL-353-3	.	148	162	1	7	0	0	148	2019	Preston	W3	0
434	BxN-RIL-351-1	.	107	163	1	7	0	0	107	2019	Preston	STD	2
435	BxN-RIL-351-1	.	107	163	1	7	0	0	107	2019	Preston	V1	1
436	BxN-RIL-351-1	.	107	163	1	7	0	0	107	2019	Preston	V2	3
437	BxN-RIL-351-1	.	107	163	1	7	0	0	107	2019	Preston	V3	3
438	BxN-RIL-351-1	.	107	163	1	7	0	0	107	2019	Preston	W1	0
439	BxN-RIL-351-1	.	107	163	1	7	0	0	107	2019	Preston	W2	6
440	BxN-RIL-351-1	.	107	163	1	7	0	0	107	2019	Preston	W3	2
441	NxB-RIL-366-22	.	483	164	1	8	0	0	483	2019	Preston	STD	3
442	NxB-RIL-366-22	.	483	164	1	8	0	0	483	2019	Preston	V1	3
443	NxB-RIL-366-22	.	483	164	1	8	0	0	483	2019	Preston	V2	4
444	NxB-RIL-366-22	.	483	164	1	8	0	0	483	2019	Preston	V3	4
445	NxB-RIL-366-22	.	483	164	1	8	0	0	483	2019	Preston	W1	3
446	NxB-RIL-366-22	.	483	164	1	8	0	0	483	2019	Preston	W2	7
447	NxB-RIL-366-22	.	483	164	1	8	0	0	483	2019	Preston	W3	4
448	NxB-RIL-374-13	.	665	165	1	8	0	0	665	2019	Preston	STD	3
449	NxB-RIL-374-13	.	665	165	1	8	0	0	665	2019	Preston	V1	3
450	NxB-RIL-374-13	.	665	165	1	8	0	0	665	2019	Preston	V2	4
451	NxB-RIL-374-13	.	665	165	1	8	0	0	665	2019	Preston	V3	3
452	NxB-RIL-374-13	.	665	165	1	8	0	0	665	2019	Preston	W1	0
453	NxB-RIL-374-13	.	665	165	1	8	0	0	665	2019	Preston	W2	5
454	NxB-RIL-374-13	.	665	165	1	8	0	0	665	2019	Preston	W3	5
455	NxB-RIL-366-8	.	472	166	1	8	0	0	472	2019	Preston	STD	3
456	NxB-RIL-366-8	.	472	166	1	8	0	0	472	2019	Preston	V1	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
457	NxB-RIL-366-8	.	472	166	1	8	0	0	472	2019	Preston	V2	3
458	NxB-RIL-366-8	.	472	166	1	8	0	0	472	2019	Preston	V3	1
459	NxB-RIL-366-8	.	472	166	1	8	0	0	472	2019	Preston	W1	0
460	NxB-RIL-366-8	.	472	166	1	8	0	0	472	2019	Preston	W2	6
461	NxB-RIL-366-8	.	472	166	1	8	0	0	472	2019	Preston	W3	1
462	NxB-RIL-370-26	.	580	167	1	8	0	0	580	2019	Preston	STD	2
463	NxB-RIL-370-26	.	580	167	1	8	0	0	580	2019	Preston	V1	2
464	NxB-RIL-370-26	.	580	167	1	8	0	0	580	2019	Preston	V2	4
465	NxB-RIL-370-26	.	580	167	1	8	0	0	580	2019	Preston	V3	2
466	NxB-RIL-370-26	.	580	167	1	8	0	0	580	2019	Preston	W1	0
467	NxB-RIL-370-26	.	580	167	1	8	0	0	580	2019	Preston	W2	5
468	NxB-RIL-370-26	.	580	167	1	8	0	0	580	2019	Preston	W3	1
469	NorLin	1+8	715	168	1	8	1	0	715	2019	Preston	STD	3
470	NorLin	1+8	715	168	1	8	1	0	715	2019	Preston	V1	4
471	NorLin	1+8	715	168	1	8	1	0	715	2019	Preston	V2	4
472	NorLin	1+8	715	168	1	8	1	0	715	2019	Preston	V3	4
473	NorLin	1+8	715	168	1	8	1	0	715	2019	Preston	W1	0
474	NorLin	1+8	715	168	1	8	1	0	715	2019	Preston	W2	4
475	NorLin	1+8	715	168	1	8	1	0	715	2019	Preston	W3	1
476	BxN-RIL-357-2	.	234	169	1	8	0	0	234	2019	Preston	STD	2
477	BxN-RIL-357-2	.	234	169	1	8	0	0	234	2019	Preston	V1	3
478	BxN-RIL-357-2	.	234	169	1	8	0	0	234	2019	Preston	V2	3
479	BxN-RIL-357-2	.	234	169	1	8	0	0	234	2019	Preston	V3	4
480	BxN-RIL-357-2	.	234	169	1	8	0	0	234	2019	Preston	W1	1
481	BxN-RIL-357-2	.	234	169	1	8	0	0	234	2019	Preston	W2	5
482	BxN-RIL-357-2	.	234	169	1	8	0	0	234	2019	Preston	W3	6
483	NxB-RIL-367-11	.	496	170	1	8	0	0	496	2019	Preston	STD	3
484	NxB-RIL-367-11	.	496	170	1	8	0	0	496	2019	Preston	V1	3
485	NxB-RIL-367-11	.	496	170	1	8	0	0	496	2019	Preston	V2	4
486	NxB-RIL-367-11	.	496	170	1	8	0	0	496	2019	Preston	V3	5
487	NxB-RIL-367-11	.	496	170	1	8	0	0	496	2019	Preston	W1	3
488	NxB-RIL-367-11	.	496	170	1	8	0	0	496	2019	Preston	W2	8
489	NxB-RIL-367-11	.	496	170	1	8	0	0	496	2019	Preston	W3	8
490	BxN-RIL-360-14	.	322	171	1	8	0	0	322	2019	Preston	STD	3
491	BxN-RIL-360-14	.	322	171	1	8	0	0	322	2019	Preston	V1	4
492	BxN-RIL-360-14	.	322	171	1	8	0	0	322	2019	Preston	V2	4
493	BxN-RIL-360-14	.	322	171	1	8	0	0	322	2019	Preston	V3	4
494	BxN-RIL-360-14	.	322	171	1	8	0	0	322	2019	Preston	W1	0

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
495	BxN-RIL-360-14	.	322	171	1	8	0	0	322	2019	Preston	W2	6
496	BxN-RIL-360-14	.	322	171	1	8	0	0	322	2019	Preston	W3	3
497	BxN-RIL-356-20	.	229	172	1	8	0	0	229	2019	Preston	STD	3
498	BxN-RIL-356-20	.	229	172	1	8	0	0	229	2019	Preston	V1	3
499	BxN-RIL-356-20	.	229	172	1	8	0	0	229	2019	Preston	V2	4
500	BxN-RIL-356-20	.	229	172	1	8	0	0	229	2019	Preston	V3	3
501	BxN-RIL-356-20	.	229	172	1	8	0	0	229	2019	Preston	W1	1
502	BxN-RIL-356-20	.	229	172	1	8	0	0	229	2019	Preston	W2	6
503	BxN-RIL-356-20	.	229	172	1	8	0	0	229	2019	Preston	W3	1
504	NxB-RIL-369-28	.	558	173	1	9	0	0	558	2019	Preston	STD	4
505	NxB-RIL-369-28	.	558	173	1	9	0	0	558	2019	Preston	V1	4
506	NxB-RIL-369-28	.	558	173	1	9	0	0	558	2019	Preston	V2	5
507	NxB-RIL-369-28	.	558	173	1	9	0	0	558	2019	Preston	V3	5
508	NxB-RIL-369-28	.	558	173	1	9	0	0	558	2019	Preston	W1	4
509	NxB-RIL-369-28	.	558	173	1	9	0	0	558	2019	Preston	W2	8
510	NxB-RIL-369-28	.	558	173	1	9	0	0	558	2019	Preston	W3	8
511	NxB-RIL-373-24	.	649	174	1	9	0	0	649	2019	Preston	STD	3
512	NxB-RIL-373-24	.	649	174	1	9	0	0	649	2019	Preston	V1	4
513	NxB-RIL-373-24	.	649	174	1	9	0	0	649	2019	Preston	V2	4
514	NxB-RIL-373-24	.	649	174	1	9	0	0	649	2019	Preston	V3	5
515	NxB-RIL-373-24	.	649	174	1	9	0	0	649	2019	Preston	W1	5
516	NxB-RIL-373-24	.	649	174	1	9	0	0	649	2019	Preston	W2	6
517	NxB-RIL-373-24	.	649	174	1	9	0	0	649	2019	Preston	W3	7
518	NxB-RIL-368-22	.	527	175	1	9	0	0	527	2019	Preston	STD	3
519	NxB-RIL-368-22	.	527	175	1	9	0	0	527	2019	Preston	V1	3
520	NxB-RIL-368-22	.	527	175	1	9	0	0	527	2019	Preston	V2	3
521	NxB-RIL-368-22	.	527	175	1	9	0	0	527	2019	Preston	V3	4
522	NxB-RIL-368-22	.	527	175	1	9	0	0	527	2019	Preston	W1	4
523	NxB-RIL-368-22	.	527	175	1	9	0	0	527	2019	Preston	W2	6
524	NxB-RIL-368-22	.	527	175	1	9	0	0	527	2019	Preston	W3	6
525	BxN-RIL-346-24	.	20	176	1	9	0	0	20	2019	Preston	STD	3
526	BxN-RIL-346-24	.	20	176	1	9	0	0	20	2019	Preston	V1	4
527	BxN-RIL-346-24	.	20	176	1	9	0	0	20	2019	Preston	V2	4
528	BxN-RIL-346-24	.	20	176	1	9	0	0	20	2019	Preston	V3	5
529	BxN-RIL-346-24	.	20	176	1	9	0	0	20	2019	Preston	W1	4
530	BxN-RIL-346-24	.	20	176	1	9	0	0	20	2019	Preston	W2	8
531	BxN-RIL-346-24	.	20	176	1	9	0	0	20	2019	Preston	W3	8
532	NorLin	1+9	715	177	1	9	1	0	715	2019	Preston	STD	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
533	NorLin	1+9	715	177	1	9	1	0	715	2019	Preston	V1	3
534	NorLin	1+9	715	177	1	9	1	0	715	2019	Preston	V2	3
535	NorLin	1+9	715	177	1	9	1	0	715	2019	Preston	V3	3
536	NorLin	1+9	715	177	1	9	1	0	715	2019	Preston	W1	0
537	NorLin	1+9	715	177	1	9	1	0	715	2019	Preston	W2	7
538	NorLin	1+9	715	177	1	9	1	0	715	2019	Preston	W3	2
539	NxB-RIL-362-9	.	379	178	1	9	0	0	379	2019	Preston	STD	3
540	NxB-RIL-362-9	.	379	178	1	9	0	0	379	2019	Preston	V1	3
541	NxB-RIL-362-9	.	379	178	1	9	0	0	379	2019	Preston	V2	4
542	NxB-RIL-362-9	.	379	178	1	9	0	0	379	2019	Preston	V3	4
543	NxB-RIL-362-9	.	379	178	1	9	0	0	379	2019	Preston	W1	4
544	NxB-RIL-362-9	.	379	178	1	9	0	0	379	2019	Preston	W2	6
545	NxB-RIL-362-9	.	379	178	1	9	0	0	379	2019	Preston	W3	6
546	BxN-RIL-346-8	.	7	179	1	9	0	0	7	2019	Preston	STD	3
547	BxN-RIL-346-8	.	7	179	1	9	0	0	7	2019	Preston	V1	3
548	BxN-RIL-346-8	.	7	179	1	9	0	0	7	2019	Preston	V2	4
549	BxN-RIL-346-8	.	7	179	1	9	0	0	7	2019	Preston	V3	3
550	BxN-RIL-346-8	.	7	179	1	9	0	0	7	2019	Preston	W1	3
551	BxN-RIL-346-8	.	7	179	1	9	0	0	7	2019	Preston	W2	6
552	BxN-RIL-346-8	.	7	179	1	9	0	0	7	2019	Preston	W3	5
553	BxN-RIL-353-11	.	156	180	1	9	0	0	156	2019	Preston	STD	2
554	BxN-RIL-353-11	.	156	180	1	9	0	0	156	2019	Preston	V1	3
555	BxN-RIL-353-11	.	156	180	1	9	0	0	156	2019	Preston	V2	4
556	BxN-RIL-353-11	.	156	180	1	9	0	0	156	2019	Preston	V3	4
557	BxN-RIL-353-11	.	156	180	1	9	0	0	156	2019	Preston	W1	0
558	BxN-RIL-353-11	.	156	180	1	9	0	0	156	2019	Preston	W2	5
559	BxN-RIL-353-11	.	156	180	1	9	0	0	156	2019	Preston	W3	4
560	BxN-RIL-349-18	.	81	181	1	9	0	0	81	2019	Preston	STD	2
561	BxN-RIL-349-18	.	81	181	1	9	0	0	81	2019	Preston	V1	3
562	BxN-RIL-349-18	.	81	181	1	9	0	0	81	2019	Preston	V2	3
563	BxN-RIL-349-18	.	81	181	1	9	0	0	81	2019	Preston	V3	3
564	BxN-RIL-349-18	.	81	181	1	9	0	0	81	2019	Preston	W1	0
565	BxN-RIL-349-18	.	81	181	1	9	0	0	81	2019	Preston	W2	6
566	BxN-RIL-349-18	.	81	181	1	9	0	0	81	2019	Preston	W3	3
567	NxB-RIL-365-26	.	463	182	2	1	0	0	463	2019	Preston	STD	3
568	NxB-RIL-365-26	.	463	182	2	1	0	0	463	2019	Preston	V1	2
569	NxB-RIL-365-26	.	463	182	2	1	0	0	463	2019	Preston	V2	2
570	NxB-RIL-365-26	.	463	182	2	1	0	0	463	2019	Preston	V3	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
571	NxB-RIL-365-26	.	463	182	2	1	0	0	463	2019	Preston	W1	0
572	NxB-RIL-365-26	.	463	182	2	1	0	0	463	2019	Preston	W2	4
573	NxB-RIL-365-26	.	463	182	2	1	0	0	463	2019	Preston	W3	0
574	BxN-RIL-357-27	.	254	183	2	1	0	0	254	2019	Preston	STD	3
575	BxN-RIL-357-27	.	254	183	2	1	0	0	254	2019	Preston	V1	3
576	BxN-RIL-357-27	.	254	183	2	1	0	0	254	2019	Preston	V2	3
577	BxN-RIL-357-27	.	254	183	2	1	0	0	254	2019	Preston	V3	3
578	BxN-RIL-357-27	.	254	183	2	1	0	0	254	2019	Preston	W1	4
579	BxN-RIL-357-27	.	254	183	2	1	0	0	254	2019	Preston	W2	6
580	BxN-RIL-357-27	.	254	183	2	1	0	0	254	2019	Preston	W3	4
581	BxN-RIL-355-5	.	195	184	2	1	0	0	195	2019	Preston	STD	2
582	BxN-RIL-355-5	.	195	184	2	1	0	0	195	2019	Preston	V1	3
583	BxN-RIL-355-5	.	195	184	2	1	0	0	195	2019	Preston	V2	3
584	BxN-RIL-355-5	.	195	184	2	1	0	0	195	2019	Preston	V3	3
585	BxN-RIL-355-5	.	195	184	2	1	0	0	195	2019	Preston	W1	0
586	BxN-RIL-355-5	.	195	184	2	1	0	0	195	2019	Preston	W2	4
587	BxN-RIL-355-5	.	195	184	2	1	0	0	195	2019	Preston	W3	3
588	NxB-RIL-369-21	.	552	185	2	1	0	0	552	2019	Preston	STD	2
589	NxB-RIL-369-21	.	552	185	2	1	0	0	552	2019	Preston	V1	2
590	NxB-RIL-369-21	.	552	185	2	1	0	0	552	2019	Preston	V2	2
591	NxB-RIL-369-21	.	552	185	2	1	0	0	552	2019	Preston	V3	1
592	NxB-RIL-369-21	.	552	185	2	1	0	0	552	2019	Preston	W1	1
593	NxB-RIL-369-21	.	552	185	2	1	0	0	552	2019	Preston	W2	4
594	NxB-RIL-369-21	.	552	185	2	1	0	0	552	2019	Preston	W3	0
595	NorLin	2+1	715	186	2	1	1	0	715	2019	Preston	STD	2
596	NorLin	2+1	715	186	2	1	1	0	715	2019	Preston	V1	3
597	NorLin	2+1	715	186	2	1	1	0	715	2019	Preston	V2	3
598	NorLin	2+1	715	186	2	1	1	0	715	2019	Preston	V3	1
599	NorLin	2+1	715	186	2	1	1	0	715	2019	Preston	W1	1
600	NorLin	2+1	715	186	2	1	1	0	715	2019	Preston	W2	4
601	NorLin	2+1	715	186	2	1	1	0	715	2019	Preston	W3	0
602	BxN-RIL-351-6	.	111	187	2	1	0	0	111	2019	Preston	STD	1
603	BxN-RIL-351-6	.	111	187	2	1	0	0	111	2019	Preston	V1	1
604	BxN-RIL-351-6	.	111	187	2	1	0	0	111	2019	Preston	V2	2
605	BxN-RIL-351-6	.	111	187	2	1	0	0	111	2019	Preston	V3	1
606	BxN-RIL-351-6	.	111	187	2	1	0	0	111	2019	Preston	W1	0
607	BxN-RIL-351-6	.	111	187	2	1	0	0	111	2019	Preston	W2	5
608	BxN-RIL-351-6	.	111	187	2	1	0	0	111	2019	Preston	W3	0



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
609	BxN-RIL-356-7	.	218	188	2	1	0	0	218	2019	Preston	STD	1
610	BxN-RIL-356-7	.	218	188	2	1	0	0	218	2019	Preston	V1	2
611	BxN-RIL-356-7	.	218	188	2	1	0	0	218	2019	Preston	V2	3
612	BxN-RIL-356-7	.	218	188	2	1	0	0	218	2019	Preston	V3	3
613	BxN-RIL-356-7	.	218	188	2	1	0	0	218	2019	Preston	W1	1
614	BxN-RIL-356-7	.	218	188	2	1	0	0	218	2019	Preston	W2	6
615	BxN-RIL-356-7	.	218	188	2	1	0	0	218	2019	Preston	W3	4
616	BxN-RIL-346-22	.	18	189	2	1	0	0	18	2019	Preston	STD	3
617	BxN-RIL-346-22	.	18	189	2	1	0	0	18	2019	Preston	V1	4
618	BxN-RIL-346-22	.	18	189	2	1	0	0	18	2019	Preston	V2	5
619	BxN-RIL-346-22	.	18	189	2	1	0	0	18	2019	Preston	V3	4
620	BxN-RIL-346-22	.	18	189	2	1	0	0	18	2019	Preston	W1	0
621	BxN-RIL-346-22	.	18	189	2	1	0	0	18	2019	Preston	W2	6
622	BxN-RIL-346-22	.	18	189	2	1	0	0	18	2019	Preston	W3	4
623	NxB-RIL-374-28	.	679	190	2	1	0	0	679	2019	Preston	STD	1
624	NxB-RIL-374-28	.	679	190	2	1	0	0	679	2019	Preston	V1	1
625	NxB-RIL-374-28	.	679	190	2	1	0	0	679	2019	Preston	V2	2
626	NxB-RIL-374-28	.	679	190	2	1	0	0	679	2019	Preston	V3	1
627	NxB-RIL-374-28	.	679	190	2	1	0	0	679	2019	Preston	W1	0
628	NxB-RIL-374-28	.	679	190	2	1	0	0	679	2019	Preston	W2	4
629	NxB-RIL-374-28	.	679	190	2	1	0	0	679	2019	Preston	W3	2
630	NxB-RIL-371-19	.	597	191	2	2	0	0	597	2019	Preston	STD	2
631	NxB-RIL-371-19	.	597	191	2	2	0	0	597	2019	Preston	V1	3
632	NxB-RIL-371-19	.	597	191	2	2	0	0	597	2019	Preston	V2	2
633	NxB-RIL-371-19	.	597	191	2	2	0	0	597	2019	Preston	V3	2
634	NxB-RIL-371-19	.	597	191	2	2	0	0	597	2019	Preston	W1	0
635	NxB-RIL-371-19	.	597	191	2	2	0	0	597	2019	Preston	W2	4
636	NxB-RIL-371-19	.	597	191	2	2	0	0	597	2019	Preston	W3	1
637	NxB-RIL-372-5	.	603	192	2	2	0	0	603	2019	Preston	STD	3
638	NxB-RIL-372-5	.	603	192	2	2	0	0	603	2019	Preston	V1	2
639	NxB-RIL-372-5	.	603	192	2	2	0	0	603	2019	Preston	V2	2
640	NxB-RIL-372-5	.	603	192	2	2	0	0	603	2019	Preston	V3	1
641	NxB-RIL-372-5	.	603	192	2	2	0	0	603	2019	Preston	W1	0
642	NxB-RIL-372-5	.	603	192	2	2	0	0	603	2019	Preston	W2	5
643	NxB-RIL-372-5	.	603	192	2	2	0	0	603	2019	Preston	W3	0
644	BxN-RIL-347-13	.	35	193	2	2	0	0	35	2019	Preston	STD	2
645	BxN-RIL-347-13	.	35	193	2	2	0	0	35	2019	Preston	V1	2
646	BxN-RIL-347-13	.	35	193	2	2	0	0	35	2019	Preston	V2	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
647	BxN-RIL-347-13	.	35	193	2	2	0	0	35	2019	Preston	V3	2
648	BxN-RIL-347-13	.	35	193	2	2	0	0	35	2019	Preston	W1	1
649	BxN-RIL-347-13	.	35	193	2	2	0	0	35	2019	Preston	W2	5
650	BxN-RIL-347-13	.	35	193	2	2	0	0	35	2019	Preston	W3	0
651	NxB-RIL-362-4	.	375	194	2	2	0	0	375	2019	Preston	STD	3
652	NxB-RIL-362-4	.	375	194	2	2	0	0	375	2019	Preston	V1	3
653	NxB-RIL-362-4	.	375	194	2	2	0	0	375	2019	Preston	V2	4
654	NxB-RIL-362-4	.	375	194	2	2	0	0	375	2019	Preston	V3	5
655	NxB-RIL-362-4	.	375	194	2	2	0	0	375	2019	Preston	W1	3
656	NxB-RIL-362-4	.	375	194	2	2	0	0	375	2019	Preston	W2	7
657	NxB-RIL-362-4	.	375	194	2	2	0	0	375	2019	Preston	W3	8
658	NorLin	2+2	715	195	2	2	1	0	715	2019	Preston	STD	3
659	NorLin	2+2	715	195	2	2	1	0	715	2019	Preston	V1	2
660	NorLin	2+2	715	195	2	2	1	0	715	2019	Preston	V2	3
661	NorLin	2+2	715	195	2	2	1	0	715	2019	Preston	V3	2
662	NorLin	2+2	715	195	2	2	1	0	715	2019	Preston	W1	0
663	NorLin	2+2	715	195	2	2	1	0	715	2019	Preston	W2	4
664	NorLin	2+2	715	195	2	2	1	0	715	2019	Preston	W3	0
665	NxB-RIL-369-4	.	537	196	2	2	0	0	537	2019	Preston	STD	3
666	NxB-RIL-369-4	.	537	196	2	2	0	0	537	2019	Preston	V1	2
667	NxB-RIL-369-4	.	537	196	2	2	0	0	537	2019	Preston	V2	3
668	NxB-RIL-369-4	.	537	196	2	2	0	0	537	2019	Preston	V3	2
669	NxB-RIL-369-4	.	537	196	2	2	0	0	537	2019	Preston	W1	0
670	NxB-RIL-369-4	.	537	196	2	2	0	0	537	2019	Preston	W2	5
671	NxB-RIL-369-4	.	537	196	2	2	0	0	537	2019	Preston	W3	4
672	NxB-RIL-373-8	.	633	197	2	2	0	0	633	2019	Preston	STD	2
673	NxB-RIL-373-8	.	633	197	2	2	0	0	633	2019	Preston	V1	2
674	NxB-RIL-373-8	.	633	197	2	2	0	0	633	2019	Preston	V2	3
675	NxB-RIL-373-8	.	633	197	2	2	0	0	633	2019	Preston	V3	2
676	NxB-RIL-373-8	.	633	197	2	2	0	0	633	2019	Preston	W1	4
677	NxB-RIL-373-8	.	633	197	2	2	0	0	633	2019	Preston	W2	6
678	NxB-RIL-373-8	.	633	197	2	2	0	0	633	2019	Preston	W3	4
679	BxN-RIL-349-16	.	79	198	2	2	0	0	79	2019	Preston	STD	1
680	BxN-RIL-349-16	.	79	198	2	2	0	0	79	2019	Preston	V1	1
681	BxN-RIL-349-16	.	79	198	2	2	0	0	79	2019	Preston	V2	1
682	BxN-RIL-349-16	.	79	198	2	2	0	0	79	2019	Preston	V3	4
683	BxN-RIL-349-16	.	79	198	2	2	0	0	79	2019	Preston	W1	0
684	BxN-RIL-349-16	.	79	198	2	2	0	0	79	2019	Preston	W2	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
685	BxN-RIL-349-16	.	79	198	2	2	0	0	79	2019	Preston	W3	0
686	BxN-RIL-355-15	.	203	199	2	2	0	0	203	2019	Preston	STD	2
687	BxN-RIL-355-15	.	203	199	2	2	0	0	203	2019	Preston	V1	2
688	BxN-RIL-355-15	.	203	199	2	2	0	0	203	2019	Preston	V2	2
689	BxN-RIL-355-15	.	203	199	2	2	0	0	203	2019	Preston	V3	2
690	BxN-RIL-355-15	.	203	199	2	2	0	0	203	2019	Preston	W1	1
691	BxN-RIL-355-15	.	203	199	2	2	0	0	203	2019	Preston	W2	4
692	BxN-RIL-355-15	.	203	199	2	2	0	0	203	2019	Preston	W3	1
693	NxB-RIL-368-26	.	531	200	2	3	0	0	531	2019	Preston	STD	3
694	NxB-RIL-368-26	.	531	200	2	3	0	0	531	2019	Preston	V1	3
695	NxB-RIL-368-26	.	531	200	2	3	0	0	531	2019	Preston	V2	2
696	NxB-RIL-368-26	.	531	200	2	3	0	0	531	2019	Preston	V3	2
697	NxB-RIL-368-26	.	531	200	2	3	0	0	531	2019	Preston	W1	0
698	NxB-RIL-368-26	.	531	200	2	3	0	0	531	2019	Preston	W2	4
699	NxB-RIL-368-26	.	531	200	2	3	0	0	531	2019	Preston	W3	0
700	BxN-RIL-347-20	.	41	201	2	3	0	0	41	2019	Preston	STD	1
701	BxN-RIL-347-20	.	41	201	2	3	0	0	41	2019	Preston	V1	2
702	BxN-RIL-347-20	.	41	201	2	3	0	0	41	2019	Preston	V2	2
703	BxN-RIL-347-20	.	41	201	2	3	0	0	41	2019	Preston	V3	1
704	BxN-RIL-347-20	.	41	201	2	3	0	0	41	2019	Preston	W1	0
705	BxN-RIL-347-20	.	41	201	2	3	0	0	41	2019	Preston	W2	5
706	BxN-RIL-347-20	.	41	201	2	3	0	0	41	2019	Preston	W3	0
707	BxN-RIL-350-10	.	95	202	2	3	0	0	95	2019	Preston	STD	1
708	BxN-RIL-350-10	.	95	202	2	3	0	0	95	2019	Preston	V1	1
709	BxN-RIL-350-10	.	95	202	2	3	0	0	95	2019	Preston	V2	1
710	BxN-RIL-350-10	.	95	202	2	3	0	0	95	2019	Preston	V3	1
711	BxN-RIL-350-10	.	95	202	2	3	0	0	95	2019	Preston	W1	0
712	BxN-RIL-350-10	.	95	202	2	3	0	0	95	2019	Preston	W2	3
713	BxN-RIL-350-10	.	95	202	2	3	0	0	95	2019	Preston	W3	0
714	NxB-RIL-366-11	.	475	203	2	3	0	0	475	2019	Preston	STD	2
715	NxB-RIL-366-11	.	475	203	2	3	0	0	475	2019	Preston	V1	2
716	NxB-RIL-366-11	.	475	203	2	3	0	0	475	2019	Preston	V2	3
717	NxB-RIL-366-11	.	475	203	2	3	0	0	475	2019	Preston	V3	2
718	NxB-RIL-366-11	.	475	203	2	3	0	0	475	2019	Preston	W1	1
719	NxB-RIL-366-11	.	475	203	2	3	0	0	475	2019	Preston	W2	6
720	NxB-RIL-366-11	.	475	203	2	3	0	0	475	2019	Preston	W3	1
721	NorLin	2+3	715	204	2	3	1	0	715	2019	Preston	STD	3
722	NorLin	2+3	715	204	2	3	1	0	715	2019	Preston	V1	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
723	NorLin	2+3	715	204	2	3	1	0	715	2019	Preston	V2	4
724	NorLin	2+3	715	204	2	3	1	0	715	2019	Preston	V3	3
725	NorLin	2+3	715	204	2	3	1	0	715	2019	Preston	W1	0
726	NorLin	2+3	715	204	2	3	1	0	715	2019	Preston	W2	6
727	NorLin	2+3	715	204	2	3	1	0	715	2019	Preston	W3	1
728	NxB-RIL-361-17	.	356	205	2	3	0	0	356	2019	Preston	STD	2
729	NxB-RIL-361-17	.	356	205	2	3	0	0	356	2019	Preston	V1	2
730	NxB-RIL-361-17	.	356	205	2	3	0	0	356	2019	Preston	V2	3
731	NxB-RIL-361-17	.	356	205	2	3	0	0	356	2019	Preston	V3	2
732	NxB-RIL-361-17	.	356	205	2	3	0	0	356	2019	Preston	W1	0
733	NxB-RIL-361-17	.	356	205	2	3	0	0	356	2019	Preston	W2	6
734	NxB-RIL-361-17	.	356	205	2	3	0	0	356	2019	Preston	W3	3
735	BxN-RIL-359-7	.	287	206	2	3	0	0	287	2019	Preston	STD	2
736	BxN-RIL-359-7	.	287	206	2	3	0	0	287	2019	Preston	V1	3
737	BxN-RIL-359-7	.	287	206	2	3	0	0	287	2019	Preston	V2	3
738	BxN-RIL-359-7	.	287	206	2	3	0	0	287	2019	Preston	V3	2
739	BxN-RIL-359-7	.	287	206	2	3	0	0	287	2019	Preston	W1	1
740	BxN-RIL-359-7	.	287	206	2	3	0	0	287	2019	Preston	W2	5
741	BxN-RIL-359-7	.	287	206	2	3	0	0	287	2019	Preston	W3	0
742	BxN-RIL-360-4	.	314	207	2	3	0	0	314	2019	Preston	STD	3
743	BxN-RIL-360-4	.	314	207	2	3	0	0	314	2019	Preston	V1	3
744	BxN-RIL-360-4	.	314	207	2	3	0	0	314	2019	Preston	V2	4
745	BxN-RIL-360-4	.	314	207	2	3	0	0	314	2019	Preston	V3	4
746	BxN-RIL-360-4	.	314	207	2	3	0	0	314	2019	Preston	W1	5
747	BxN-RIL-360-4	.	314	207	2	3	0	0	314	2019	Preston	W2	6
748	BxN-RIL-360-4	.	314	207	2	3	0	0	314	2019	Preston	W3	7
749	NxB-RIL-361-11	.	350	208	2	3	0	0	350	2019	Preston	STD	3
750	NxB-RIL-361-11	.	350	208	2	3	0	0	350	2019	Preston	V1	2
751	NxB-RIL-361-11	.	350	208	2	3	0	0	350	2019	Preston	V2	4
752	NxB-RIL-361-11	.	350	208	2	3	0	0	350	2019	Preston	V3	4
753	NxB-RIL-361-11	.	350	208	2	3	0	0	350	2019	Preston	W1	5
754	NxB-RIL-361-11	.	350	208	2	3	0	0	350	2019	Preston	W2	7
755	NxB-RIL-361-11	.	350	208	2	3	0	0	350	2019	Preston	W3	6
756	NxB-RIL-375-18	.	699	209	2	4	0	0	699	2019	Preston	STD	2
757	NxB-RIL-375-18	.	699	209	2	4	0	0	699	2019	Preston	V1	1
758	NxB-RIL-375-18	.	699	209	2	4	0	0	699	2019	Preston	V2	2
759	NxB-RIL-375-18	.	699	209	2	4	0	0	699	2019	Preston	V3	2
760	NxB-RIL-375-18	.	699	209	2	4	0	0	699	2019	Preston	W1	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
761	NxB-RIL-375-18	.	699	209	2	4	0	0	699	2019	Preston	W2	6
762	NxB-RIL-375-18	.	699	209	2	4	0	0	699	2019	Preston	W3	1
763	NxB-RIL-363-7	.	402	210	2	4	0	0	402	2019	Preston	STD	3
764	NxB-RIL-363-7	.	402	210	2	4	0	0	402	2019	Preston	V1	3
765	NxB-RIL-363-7	.	402	210	2	4	0	0	402	2019	Preston	V2	4
766	NxB-RIL-363-7	.	402	210	2	4	0	0	402	2019	Preston	V3	4
767	NxB-RIL-363-7	.	402	210	2	4	0	0	402	2019	Preston	W1	4
768	NxB-RIL-363-7	.	402	210	2	4	0	0	402	2019	Preston	W2	5
769	NxB-RIL-363-7	.	402	210	2	4	0	0	402	2019	Preston	W3	6
770	BxN-RIL-357-7	.	237	211	2	4	0	0	237	2019	Preston	STD	3
771	BxN-RIL-357-7	.	237	211	2	4	0	0	237	2019	Preston	V1	3
772	BxN-RIL-357-7	.	237	211	2	4	0	0	237	2019	Preston	V2	3
773	BxN-RIL-357-7	.	237	211	2	4	0	0	237	2019	Preston	V3	2
774	BxN-RIL-357-7	.	237	211	2	4	0	0	237	2019	Preston	W1	1
775	BxN-RIL-357-7	.	237	211	2	4	0	0	237	2019	Preston	W2	5
776	BxN-RIL-357-7	.	237	211	2	4	0	0	237	2019	Preston	W3	4
777	NxB-RIL-373-23	.	648	212	2	4	0	0	648	2019	Preston	STD	2
778	NxB-RIL-373-23	.	648	212	2	4	0	0	648	2019	Preston	V1	3
779	NxB-RIL-373-23	.	648	212	2	4	0	0	648	2019	Preston	V2	4
780	NxB-RIL-373-23	.	648	212	2	4	0	0	648	2019	Preston	V3	4
781	NxB-RIL-373-23	.	648	212	2	4	0	0	648	2019	Preston	W1	1
782	NxB-RIL-373-23	.	648	212	2	4	0	0	648	2019	Preston	W2	6
783	NxB-RIL-373-23	.	648	212	2	4	0	0	648	2019	Preston	W3	5
784	NorLin	2+4	715	213	2	4	1	0	715	2019	Preston	STD	4
785	NorLin	2+4	715	213	2	4	1	0	715	2019	Preston	V1	4
786	NorLin	2+4	715	213	2	4	1	0	715	2019	Preston	V2	4
787	NorLin	2+4	715	213	2	4	1	0	715	2019	Preston	V3	3
788	NorLin	2+4	715	213	2	4	1	0	715	2019	Preston	W1	1
789	NorLin	2+4	715	213	2	4	1	0	715	2019	Preston	W2	5
790	NorLin	2+4	715	213	2	4	1	0	715	2019	Preston	W3	2
791	NxB-RIL-371-8	.	587	214	2	4	0	0	587	2019	Preston	STD	4
792	NxB-RIL-371-8	.	587	214	2	4	0	0	587	2019	Preston	V1	3
793	NxB-RIL-371-8	.	587	214	2	4	0	0	587	2019	Preston	V2	4
794	NxB-RIL-371-8	.	587	214	2	4	0	0	587	2019	Preston	V3	4
795	NxB-RIL-371-8	.	587	214	2	4	0	0	587	2019	Preston	W1	2
796	NxB-RIL-371-8	.	587	214	2	4	0	0	587	2019	Preston	W2	6
797	NxB-RIL-371-8	.	587	214	2	4	0	0	587	2019	Preston	W3	4
798	NxB-RIL-370-8	.	565	215	2	4	0	0	565	2019	Preston	STD	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
799	NxB-RIL-370-8	.	565	215	2	4	0	0	565	2019	Preston	V1	3
800	NxB-RIL-370-8	.	565	215	2	4	0	0	565	2019	Preston	V2	3
801	NxB-RIL-370-8	.	565	215	2	4	0	0	565	2019	Preston	V3	3
802	NxB-RIL-370-8	.	565	215	2	4	0	0	565	2019	Preston	W1	1
803	NxB-RIL-370-8	.	565	215	2	4	0	0	565	2019	Preston	W2	5
804	NxB-RIL-370-8	.	565	215	2	4	0	0	565	2019	Preston	W3	4
805	BxN-RIL-353-13	.	158	216	2	4	0	0	158	2019	Preston	STD	2
806	BxN-RIL-353-13	.	158	216	2	4	0	0	158	2019	Preston	V1	3
807	BxN-RIL-353-13	.	158	216	2	4	0	0	158	2019	Preston	V2	3
808	BxN-RIL-353-13	.	158	216	2	4	0	0	158	2019	Preston	V3	3
809	BxN-RIL-353-13	.	158	216	2	4	0	0	158	2019	Preston	W1	1
810	BxN-RIL-353-13	.	158	216	2	4	0	0	158	2019	Preston	W2	6
811	BxN-RIL-353-13	.	158	216	2	4	0	0	158	2019	Preston	W3	1
812	BxN-RIL-348-3	.	47	217	2	4	0	0	47	2019	Preston	STD	2
813	BxN-RIL-348-3	.	47	217	2	4	0	0	47	2019	Preston	V1	3
814	BxN-RIL-348-3	.	47	217	2	4	0	0	47	2019	Preston	V2	3
815	BxN-RIL-348-3	.	47	217	2	4	0	0	47	2019	Preston	V3	4
816	BxN-RIL-348-3	.	47	217	2	4	0	0	47	2019	Preston	W1	5
817	BxN-RIL-348-3	.	47	217	2	4	0	0	47	2019	Preston	W2	5
818	BxN-RIL-348-3	.	47	217	2	4	0	0	47	2019	Preston	W3	7
819	BxN-RIL-352-12	.	131	218	2	5	0	0	131	2019	Preston	STD	4
820	BxN-RIL-352-12	.	131	218	2	5	0	0	131	2019	Preston	V1	4
821	BxN-RIL-352-12	.	131	218	2	5	0	0	131	2019	Preston	V2	4
822	BxN-RIL-352-12	.	131	218	2	5	0	0	131	2019	Preston	V3	3
823	BxN-RIL-352-12	.	131	218	2	5	0	0	131	2019	Preston	W1	0
824	BxN-RIL-352-12	.	131	218	2	5	0	0	131	2019	Preston	W2	4
825	BxN-RIL-352-12	.	131	218	2	5	0	0	131	2019	Preston	W3	1
826	BxN-RIL-356-5	.	216	219	2	5	0	0	216	2019	Preston	STD	4
827	BxN-RIL-356-5	.	216	219	2	5	0	0	216	2019	Preston	V1	5
828	BxN-RIL-356-5	.	216	219	2	5	0	0	216	2019	Preston	V2	5
829	BxN-RIL-356-5	.	216	219	2	5	0	0	216	2019	Preston	V3	4
830	BxN-RIL-356-5	.	216	219	2	5	0	0	216	2019	Preston	W1	0
831	BxN-RIL-356-5	.	216	219	2	5	0	0	216	2019	Preston	W2	6
832	BxN-RIL-356-5	.	216	219	2	5	0	0	216	2019	Preston	W3	1
833	BxN-RIL-348-21	.	64	220	2	5	0	0	64	2019	Preston	STD	4
834	BxN-RIL-348-21	.	64	220	2	5	0	0	64	2019	Preston	V1	3
835	BxN-RIL-348-21	.	64	220	2	5	0	0	64	2019	Preston	V2	3
836	BxN-RIL-348-21	.	64	220	2	5	0	0	64	2019	Preston	V3	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
837	BxN-RIL-348-21	.	64	220	2	5	0	0	64	2019	Preston	W1	2
838	BxN-RIL-348-21	.	64	220	2	5	0	0	64	2019	Preston	W2	6
839	BxN-RIL-348-21	.	64	220	2	5	0	0	64	2019	Preston	W3	5
840	NxB-RIL-371-12	.	591	221	2	5	0	0	591	2019	Preston	STD	4
841	NxB-RIL-371-12	.	591	221	2	5	0	0	591	2019	Preston	V1	4
842	NxB-RIL-371-12	.	591	221	2	5	0	0	591	2019	Preston	V2	5
843	NxB-RIL-371-12	.	591	221	2	5	0	0	591	2019	Preston	V3	4
844	NxB-RIL-371-12	.	591	221	2	5	0	0	591	2019	Preston	W1	1
845	NxB-RIL-371-12	.	591	221	2	5	0	0	591	2019	Preston	W2	5
846	NxB-RIL-371-12	.	591	221	2	5	0	0	591	2019	Preston	W3	5
847	NorLin	2+5	715	222	2	5	1	0	715	2019	Preston	STD	3
848	NorLin	2+5	715	222	2	5	1	0	715	2019	Preston	V1	3
849	NorLin	2+5	715	222	2	5	1	0	715	2019	Preston	V2	3
850	NorLin	2+5	715	222	2	5	1	0	715	2019	Preston	V3	2
851	NorLin	2+5	715	222	2	5	1	0	715	2019	Preston	W1	0
852	NorLin	2+5	715	222	2	5	1	0	715	2019	Preston	W2	5
853	NorLin	2+5	715	222	2	5	1	0	715	2019	Preston	W3	3
854	NxB-RIL-369-22	.	553	223	2	5	0	0	553	2019	Preston	STD	1
855	NxB-RIL-369-22	.	553	223	2	5	0	0	553	2019	Preston	V1	2
856	NxB-RIL-369-22	.	553	223	2	5	0	0	553	2019	Preston	V2	2
857	NxB-RIL-369-22	.	553	223	2	5	0	0	553	2019	Preston	V3	3
858	NxB-RIL-369-22	.	553	223	2	5	0	0	553	2019	Preston	W1	0
859	NxB-RIL-369-22	.	553	223	2	5	0	0	553	2019	Preston	W2	4
860	NxB-RIL-369-22	.	553	223	2	5	0	0	553	2019	Preston	W3	4
861	BxN-RIL-349-2	.	69	224	2	5	0	0	69	2019	Preston	STD	2
862	BxN-RIL-349-2	.	69	224	2	5	0	0	69	2019	Preston	V1	2
863	BxN-RIL-349-2	.	69	224	2	5	0	0	69	2019	Preston	V2	2
864	BxN-RIL-349-2	.	69	224	2	5	0	0	69	2019	Preston	V3	2
865	BxN-RIL-349-2	.	69	224	2	5	0	0	69	2019	Preston	W1	0
866	BxN-RIL-349-2	.	69	224	2	5	0	0	69	2019	Preston	W2	5
867	BxN-RIL-349-2	.	69	224	2	5	0	0	69	2019	Preston	W3	1
868	NxB-RIL-364-14	.	429	225	2	5	0	0	429	2019	Preston	STD	5
869	NxB-RIL-364-14	.	429	225	2	5	0	0	429	2019	Preston	V1	5
870	NxB-RIL-364-14	.	429	225	2	5	0	0	429	2019	Preston	V2	5
871	NxB-RIL-364-14	.	429	225	2	5	0	0	429	2019	Preston	V3	5
872	NxB-RIL-364-14	.	429	225	2	5	0	0	429	2019	Preston	W1	4
873	NxB-RIL-364-14	.	429	225	2	5	0	0	429	2019	Preston	W2	8
874	NxB-RIL-364-14	.	429	225	2	5	0	0	429	2019	Preston	W3	8

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
875	NxB-RIL-361-25	.	364	226	2	5	0	0	364	2019	Preston	STD	3
876	NxB-RIL-361-25	.	364	226	2	5	0	0	364	2019	Preston	V1	2
877	NxB-RIL-361-25	.	364	226	2	5	0	0	364	2019	Preston	V2	3
878	NxB-RIL-361-25	.	364	226	2	5	0	0	364	2019	Preston	V3	4
879	NxB-RIL-361-25	.	364	226	2	5	0	0	364	2019	Preston	W1	4
880	NxB-RIL-361-25	.	364	226	2	5	0	0	364	2019	Preston	W2	6
881	NxB-RIL-361-25	.	364	226	2	5	0	0	364	2019	Preston	W3	8
882	BxN-RIL-355-21	.	207	227	2	6	0	0	207	2019	Preston	STD	3
883	BxN-RIL-355-21	.	207	227	2	6	0	0	207	2019	Preston	V1	2
884	BxN-RIL-355-21	.	207	227	2	6	0	0	207	2019	Preston	V2	3
885	BxN-RIL-355-21	.	207	227	2	6	0	0	207	2019	Preston	V3	2
886	BxN-RIL-355-21	.	207	227	2	6	0	0	207	2019	Preston	W1	4
887	BxN-RIL-355-21	.	207	227	2	6	0	0	207	2019	Preston	W2	6
888	BxN-RIL-355-21	.	207	227	2	6	0	0	207	2019	Preston	W3	4
889	NxB-RIL-366-3	.	468	228	2	6	0	0	468	2019	Preston	STD	2
890	NxB-RIL-366-3	.	468	228	2	6	0	0	468	2019	Preston	V1	3
891	NxB-RIL-366-3	.	468	228	2	6	0	0	468	2019	Preston	V2	4
892	NxB-RIL-366-3	.	468	228	2	6	0	0	468	2019	Preston	V3	2
893	NxB-RIL-366-3	.	468	228	2	6	0	0	468	2019	Preston	W1	0
894	NxB-RIL-366-3	.	468	228	2	6	0	0	468	2019	Preston	W2	5
895	NxB-RIL-366-3	.	468	228	2	6	0	0	468	2019	Preston	W3	1
896	BxN-RIL-349-12	.	77	229	2	6	0	0	77	2019	Preston	STD	2
897	BxN-RIL-349-12	.	77	229	2	6	0	0	77	2019	Preston	V1	2
898	BxN-RIL-349-12	.	77	229	2	6	0	0	77	2019	Preston	V2	4
899	BxN-RIL-349-12	.	77	229	2	6	0	0	77	2019	Preston	V3	3
900	BxN-RIL-349-12	.	77	229	2	6	0	0	77	2019	Preston	W1	0
901	BxN-RIL-349-12	.	77	229	2	6	0	0	77	2019	Preston	W2	6
902	BxN-RIL-349-12	.	77	229	2	6	0	0	77	2019	Preston	W3	3
903	BxN-RIL-358-9	.	262	230	2	6	0	0	262	2019	Preston	STD	2
904	BxN-RIL-358-9	.	262	230	2	6	0	0	262	2019	Preston	V1	2
905	BxN-RIL-358-9	.	262	230	2	6	0	0	262	2019	Preston	V2	4
906	BxN-RIL-358-9	.	262	230	2	6	0	0	262	2019	Preston	V3	3
907	BxN-RIL-358-9	.	262	230	2	6	0	0	262	2019	Preston	W1	0
908	BxN-RIL-358-9	.	262	230	2	6	0	0	262	2019	Preston	W2	5
909	BxN-RIL-358-9	.	262	230	2	6	0	0	262	2019	Preston	W3	4
910	NorLin	2+6	715	231	2	6	1	0	715	2019	Preston	STD	3
911	NorLin	2+6	715	231	2	6	1	0	715	2019	Preston	V1	3
912	NorLin	2+6	715	231	2	6	1	0	715	2019	Preston	V2	3



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
913	NorLin	2+6	715	231	2	6	1	0	715	2019	Preston	V3	2
914	NorLin	2+6	715	231	2	6	1	0	715	2019	Preston	W1	0
915	NorLin	2+6	715	231	2	6	1	0	715	2019	Preston	W2	4
916	NorLin	2+6	715	231	2	6	1	0	715	2019	Preston	W3	1
917	NxB-RIL-369-12	.	545	232	2	6	0	0	545	2019	Preston	STD	2
918	NxB-RIL-369-12	.	545	232	2	6	0	0	545	2019	Preston	V1	1
919	NxB-RIL-369-12	.	545	232	2	6	0	0	545	2019	Preston	V2	1
920	NxB-RIL-369-12	.	545	232	2	6	0	0	545	2019	Preston	V3	1
921	NxB-RIL-369-12	.	545	232	2	6	0	0	545	2019	Preston	W1	0
922	NxB-RIL-369-12	.	545	232	2	6	0	0	545	2019	Preston	W2	4
923	NxB-RIL-369-12	.	545	232	2	6	0	0	545	2019	Preston	W3	0
924	BxN-RIL-352-26	.	143	233	2	6	0	0	143	2019	Preston	STD	1
925	BxN-RIL-352-26	.	143	233	2	6	0	0	143	2019	Preston	V1	3
926	BxN-RIL-352-26	.	143	233	2	6	0	0	143	2019	Preston	V2	4
927	BxN-RIL-352-26	.	143	233	2	6	0	0	143	2019	Preston	V3	3
928	BxN-RIL-352-26	.	143	233	2	6	0	0	143	2019	Preston	W1	1
929	BxN-RIL-352-26	.	143	233	2	6	0	0	143	2019	Preston	W2	6
930	BxN-RIL-352-26	.	143	233	2	6	0	0	143	2019	Preston	W3	4
931	BxN-RIL-347-24	.	45	234	2	6	0	0	45	2019	Preston	STD	2
932	BxN-RIL-347-24	.	45	234	2	6	0	0	45	2019	Preston	V1	2
933	BxN-RIL-347-24	.	45	234	2	6	0	0	45	2019	Preston	V2	3
934	BxN-RIL-347-24	.	45	234	2	6	0	0	45	2019	Preston	V3	2
935	BxN-RIL-347-24	.	45	234	2	6	0	0	45	2019	Preston	W1	1
936	BxN-RIL-347-24	.	45	234	2	6	0	0	45	2019	Preston	W2	5
937	BxN-RIL-347-24	.	45	234	2	6	0	0	45	2019	Preston	W3	3
938	BxN-RIL-357-11	.	240	235	2	6	0	0	240	2019	Preston	STD	2
939	BxN-RIL-357-11	.	240	235	2	6	0	0	240	2019	Preston	V1	3
940	BxN-RIL-357-11	.	240	235	2	6	0	0	240	2019	Preston	V2	4
941	BxN-RIL-357-11	.	240	235	2	6	0	0	240	2019	Preston	V3	3
942	BxN-RIL-357-11	.	240	235	2	6	0	0	240	2019	Preston	W1	3
943	BxN-RIL-357-11	.	240	235	2	6	0	0	240	2019	Preston	W2	7
944	BxN-RIL-357-11	.	240	235	2	6	0	0	240	2019	Preston	W3	1
945	BxN-RIL-358-20	.	270	236	2	7	0	0	270	2019	Preston	STD	1
946	BxN-RIL-358-20	.	270	236	2	7	0	0	270	2019	Preston	V1	2
947	BxN-RIL-358-20	.	270	236	2	7	0	0	270	2019	Preston	V2	4
948	BxN-RIL-358-20	.	270	236	2	7	0	0	270	2019	Preston	V3	3
949	BxN-RIL-358-20	.	270	236	2	7	0	0	270	2019	Preston	W1	2
950	BxN-RIL-358-20	.	270	236	2	7	0	0	270	2019	Preston	W2	7

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
951	BxN-RIL-358-20	.	270	236	2	7	0	0	270	2019	Preston	W3	2
952	BxN-RIL-359-30	.	309	237	2	7	0	0	309	2019	Preston	STD	3
953	BxN-RIL-359-30	.	309	237	2	7	0	0	309	2019	Preston	V1	3
954	BxN-RIL-359-30	.	309	237	2	7	0	0	309	2019	Preston	V2	4
955	BxN-RIL-359-30	.	309	237	2	7	0	0	309	2019	Preston	V3	3
956	BxN-RIL-359-30	.	309	237	2	7	0	0	309	2019	Preston	W1	4
957	BxN-RIL-359-30	.	309	237	2	7	0	0	309	2019	Preston	W2	6
958	BxN-RIL-359-30	.	309	237	2	7	0	0	309	2019	Preston	W3	3
959	BxN-RIL-353-9	.	154	238	2	7	0	0	154	2019	Preston	STD	2
960	BxN-RIL-353-9	.	154	238	2	7	0	0	154	2019	Preston	V1	2
961	BxN-RIL-353-9	.	154	238	2	7	0	0	154	2019	Preston	V2	2
962	BxN-RIL-353-9	.	154	238	2	7	0	0	154	2019	Preston	V3	2
963	BxN-RIL-353-9	.	154	238	2	7	0	0	154	2019	Preston	W1	4
964	BxN-RIL-353-9	.	154	238	2	7	0	0	154	2019	Preston	W2	5
965	BxN-RIL-353-9	.	154	238	2	7	0	0	154	2019	Preston	W3	6
966	BxN-RIL-354-4	.	171	239	2	7	0	0	171	2019	Preston	STD	3
967	BxN-RIL-354-4	.	171	239	2	7	0	0	171	2019	Preston	V1	4
968	BxN-RIL-354-4	.	171	239	2	7	0	0	171	2019	Preston	V2	3
969	BxN-RIL-354-4	.	171	239	2	7	0	0	171	2019	Preston	V3	4
970	BxN-RIL-354-4	.	171	239	2	7	0	0	171	2019	Preston	W1	1
971	BxN-RIL-354-4	.	171	239	2	7	0	0	171	2019	Preston	W2	5
972	BxN-RIL-354-4	.	171	239	2	7	0	0	171	2019	Preston	W3	2
973	NorLin	2+7	715	240	2	7	1	0	715	2019	Preston	STD	2
974	NorLin	2+7	715	240	2	7	1	0	715	2019	Preston	V1	3
975	NorLin	2+7	715	240	2	7	1	0	715	2019	Preston	V2	3
976	NorLin	2+7	715	240	2	7	1	0	715	2019	Preston	V3	2
977	NorLin	2+7	715	240	2	7	1	0	715	2019	Preston	W1	0
978	NorLin	2+7	715	240	2	7	1	0	715	2019	Preston	W2	4
979	NorLin	2+7	715	240	2	7	1	0	715	2019	Preston	W3	2
980	BxN-RIL-356-23	.	232	241	2	7	0	0	232	2019	Preston	STD	2
981	BxN-RIL-356-23	.	232	241	2	7	0	0	232	2019	Preston	V1	1
982	BxN-RIL-356-23	.	232	241	2	7	0	0	232	2019	Preston	V2	2
983	BxN-RIL-356-23	.	232	241	2	7	0	0	232	2019	Preston	V3	3
984	BxN-RIL-356-23	.	232	241	2	7	0	0	232	2019	Preston	W1	4
985	BxN-RIL-356-23	.	232	241	2	7	0	0	232	2019	Preston	W2	4
986	BxN-RIL-356-23	.	232	241	2	7	0	0	232	2019	Preston	W3	4
987	NxB-RIL-374-27	.	678	242	2	7	0	0	678	2019	Preston	STD	2
988	NxB-RIL-374-27	.	678	242	2	7	0	0	678	2019	Preston	V1	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
989	NxB-RIL-374-27	.	678	242	2	7	0	0	678	2019	Preston	V2	2
990	NxB-RIL-374-27	.	678	242	2	7	0	0	678	2019	Preston	V3	2
991	NxB-RIL-374-27	.	678	242	2	7	0	0	678	2019	Preston	W1	4
992	NxB-RIL-374-27	.	678	242	2	7	0	0	678	2019	Preston	W2	5
993	NxB-RIL-374-27	.	678	242	2	7	0	0	678	2019	Preston	W3	4
994	NxB-RIL-361-10	.	349	243	2	7	0	0	349	2019	Preston	STD	2
995	NxB-RIL-361-10	.	349	243	2	7	0	0	349	2019	Preston	V1	3
996	NxB-RIL-361-10	.	349	243	2	7	0	0	349	2019	Preston	V2	3
997	NxB-RIL-361-10	.	349	243	2	7	0	0	349	2019	Preston	V3	2
998	NxB-RIL-361-10	.	349	243	2	7	0	0	349	2019	Preston	W1	0
999	NxB-RIL-361-10	.	349	243	2	7	0	0	349	2019	Preston	W2	5
1000	NxB-RIL-361-10	.	349	243	2	7	0	0	349	2019	Preston	W3	4
1001	BxN-RIL-355-1	.	191	244	2	7	0	0	191	2019	Preston	STD	3
1002	BxN-RIL-355-1	.	191	244	2	7	0	0	191	2019	Preston	V1	3
1003	BxN-RIL-355-1	.	191	244	2	7	0	0	191	2019	Preston	V2	3
1004	BxN-RIL-355-1	.	191	244	2	7	0	0	191	2019	Preston	V3	3
1005	BxN-RIL-355-1	.	191	244	2	7	0	0	191	2019	Preston	W1	1
1006	BxN-RIL-355-1	.	191	244	2	7	0	0	191	2019	Preston	W2	5
1007	BxN-RIL-355-1	.	191	244	2	7	0	0	191	2019	Preston	W3	2
1008	BxN-RIL-356-2	.	213	245	2	8	0	0	213	2019	Preston	STD	2
1009	BxN-RIL-356-2	.	213	245	2	8	0	0	213	2019	Preston	V1	3
1010	BxN-RIL-356-2	.	213	245	2	8	0	0	213	2019	Preston	V2	4
1011	BxN-RIL-356-2	.	213	245	2	8	0	0	213	2019	Preston	V3	4
1012	BxN-RIL-356-2	.	213	245	2	8	0	0	213	2019	Preston	W1	1
1013	BxN-RIL-356-2	.	213	245	2	8	0	0	213	2019	Preston	W2	6
1014	BxN-RIL-356-2	.	213	245	2	8	0	0	213	2019	Preston	W3	2
1015	BxN-RIL-360-30	.	338	246	2	8	0	0	338	2019	Preston	STD	2
1016	BxN-RIL-360-30	.	338	246	2	8	0	0	338	2019	Preston	V1	3
1017	BxN-RIL-360-30	.	338	246	2	8	0	0	338	2019	Preston	V2	4
1018	BxN-RIL-360-30	.	338	246	2	8	0	0	338	2019	Preston	V3	3
1019	BxN-RIL-360-30	.	338	246	2	8	0	0	338	2019	Preston	W1	0
1020	BxN-RIL-360-30	.	338	246	2	8	0	0	338	2019	Preston	W2	7
1021	BxN-RIL-360-30	.	338	246	2	8	0	0	338	2019	Preston	W3	0
1022	BxN-RIL-351-9	.	113	247	2	8	0	0	113	2019	Preston	STD	2
1023	BxN-RIL-351-9	.	113	247	2	8	0	0	113	2019	Preston	V1	2
1024	BxN-RIL-351-9	.	113	247	2	8	0	0	113	2019	Preston	V2	3
1025	BxN-RIL-351-9	.	113	247	2	8	0	0	113	2019	Preston	V3	2
1026	BxN-RIL-351-9	.	113	247	2	8	0	0	113	2019	Preston	W1	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1027	BxN-RIL-351-9	.	113	247	2	8	0	0	113	2019	Preston	W2	6
1028	BxN-RIL-351-9	.	113	247	2	8	0	0	113	2019	Preston	W3	4
1029	NxB-RIL-368-13	.	519	248	2	8	0	0	519	2019	Preston	STD	2
1030	NxB-RIL-368-13	.	519	248	2	8	0	0	519	2019	Preston	V1	1
1031	NxB-RIL-368-13	.	519	248	2	8	0	0	519	2019	Preston	V2	2
1032	NxB-RIL-368-13	.	519	248	2	8	0	0	519	2019	Preston	V3	2
1033	NxB-RIL-368-13	.	519	248	2	8	0	0	519	2019	Preston	W1	0
1034	NxB-RIL-368-13	.	519	248	2	8	0	0	519	2019	Preston	W2	4
1035	NxB-RIL-368-13	.	519	248	2	8	0	0	519	2019	Preston	W3	4
1036	NorLin	2+8	715	249	2	8	1	0	715	2019	Preston	STD	2
1037	NorLin	2+8	715	249	2	8	1	0	715	2019	Preston	V1	3
1038	NorLin	2+8	715	249	2	8	1	0	715	2019	Preston	V2	2
1039	NorLin	2+8	715	249	2	8	1	0	715	2019	Preston	V3	2
1040	NorLin	2+8	715	249	2	8	1	0	715	2019	Preston	W1	4
1041	NorLin	2+8	715	249	2	8	1	0	715	2019	Preston	W2	4
1042	NorLin	2+8	715	249	2	8	1	0	715	2019	Preston	W3	1
1043	NxB-RIL-364-17	.	432	250	2	8	0	0	432	2019	Preston	STD	2
1044	NxB-RIL-364-17	.	432	250	2	8	0	0	432	2019	Preston	V1	2
1045	NxB-RIL-364-17	.	432	250	2	8	0	0	432	2019	Preston	V2	1
1046	NxB-RIL-364-17	.	432	250	2	8	0	0	432	2019	Preston	V3	1
1047	NxB-RIL-364-17	.	432	250	2	8	0	0	432	2019	Preston	W1	0
1048	NxB-RIL-364-17	.	432	250	2	8	0	0	432	2019	Preston	W2	6
1049	NxB-RIL-364-17	.	432	250	2	8	0	0	432	2019	Preston	W3	3
1050	BxN-RIL-360-12	.	320	251	2	8	0	0	320	2019	Preston	STD	1
1051	BxN-RIL-360-12	.	320	251	2	8	0	0	320	2019	Preston	V1	2
1052	BxN-RIL-360-12	.	320	251	2	8	0	0	320	2019	Preston	V2	3
1053	BxN-RIL-360-12	.	320	251	2	8	0	0	320	2019	Preston	V3	1
1054	BxN-RIL-360-12	.	320	251	2	8	0	0	320	2019	Preston	W1	0
1055	BxN-RIL-360-12	.	320	251	2	8	0	0	320	2019	Preston	W2	6
1056	BxN-RIL-360-12	.	320	251	2	8	0	0	320	2019	Preston	W3	1
1057	BxN-RIL-354-10	.	176	252	2	8	0	0	176	2019	Preston	STD	2
1058	BxN-RIL-354-10	.	176	252	2	8	0	0	176	2019	Preston	V1	3
1059	BxN-RIL-354-10	.	176	252	2	8	0	0	176	2019	Preston	V2	3
1060	BxN-RIL-354-10	.	176	252	2	8	0	0	176	2019	Preston	V3	3
1061	BxN-RIL-354-10	.	176	252	2	8	0	0	176	2019	Preston	W1	0
1062	BxN-RIL-354-10	.	176	252	2	8	0	0	176	2019	Preston	W2	5
1063	BxN-RIL-354-10	.	176	252	2	8	0	0	176	2019	Preston	W3	4
1064	NxB-RIL-369-7	.	540	253	2	8	0	0	540	2019	Preston	STD	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1065	NxB-RIL-369-7	.	540	253	2	8	0	0	540	2019	Preston	V1	3
1066	NxB-RIL-369-7	.	540	253	2	8	0	0	540	2019	Preston	V2	3
1067	NxB-RIL-369-7	.	540	253	2	8	0	0	540	2019	Preston	V3	1
1068	NxB-RIL-369-7	.	540	253	2	8	0	0	540	2019	Preston	W1	0
1069	NxB-RIL-369-7	.	540	253	2	8	0	0	540	2019	Preston	W2	7
1070	NxB-RIL-369-7	.	540	253	2	8	0	0	540	2019	Preston	W3	3
1071	NxB-RIL-368-27	.	532	254	2	9	0	0	532	2019	Preston	STD	2
1072	NxB-RIL-368-27	.	532	254	2	9	0	0	532	2019	Preston	V1	3
1073	NxB-RIL-368-27	.	532	254	2	9	0	0	532	2019	Preston	V2	3
1074	NxB-RIL-368-27	.	532	254	2	9	0	0	532	2019	Preston	V3	4
1075	NxB-RIL-368-27	.	532	254	2	9	0	0	532	2019	Preston	W1	1
1076	NxB-RIL-368-27	.	532	254	2	9	0	0	532	2019	Preston	W2	6
1077	NxB-RIL-368-27	.	532	254	2	9	0	0	532	2019	Preston	W3	5
1078	BxN-RIL-353-12	.	157	255	2	9	0	0	157	2019	Preston	STD	1
1079	BxN-RIL-353-12	.	157	255	2	9	0	0	157	2019	Preston	V1	2
1080	BxN-RIL-353-12	.	157	255	2	9	0	0	157	2019	Preston	V2	2
1081	BxN-RIL-353-12	.	157	255	2	9	0	0	157	2019	Preston	V3	2
1082	BxN-RIL-353-12	.	157	255	2	9	0	0	157	2019	Preston	W1	0
1083	BxN-RIL-353-12	.	157	255	2	9	0	0	157	2019	Preston	W2	6
1084	BxN-RIL-353-12	.	157	255	2	9	0	0	157	2019	Preston	W3	4
1085	NxB-RIL-362-26	.	392	256	2	9	0	0	392	2019	Preston	STD	1
1086	NxB-RIL-362-26	.	392	256	2	9	0	0	392	2019	Preston	V1	2
1087	NxB-RIL-362-26	.	392	256	2	9	0	0	392	2019	Preston	V2	1
1088	NxB-RIL-362-26	.	392	256	2	9	0	0	392	2019	Preston	V3	1
1089	NxB-RIL-362-26	.	392	256	2	9	0	0	392	2019	Preston	W1	0
1090	NxB-RIL-362-26	.	392	256	2	9	0	0	392	2019	Preston	W2	3
1091	NxB-RIL-362-26	.	392	256	2	9	0	0	392	2019	Preston	W3	0
1092	NxB-RIL-366-5	.	469	257	2	9	0	0	469	2019	Preston	STD	1
1093	NxB-RIL-366-5	.	469	257	2	9	0	0	469	2019	Preston	V1	2
1094	NxB-RIL-366-5	.	469	257	2	9	0	0	469	2019	Preston	V2	4
1095	NxB-RIL-366-5	.	469	257	2	9	0	0	469	2019	Preston	V3	5
1096	NxB-RIL-366-5	.	469	257	2	9	0	0	469	2019	Preston	W1	2
1097	NxB-RIL-366-5	.	469	257	2	9	0	0	469	2019	Preston	W2	6
1098	NxB-RIL-366-5	.	469	257	2	9	0	0	469	2019	Preston	W3	8
1099	NorLin	2+9	715	258	2	9	1	0	715	2019	Preston	STD	2
1100	NorLin	2+9	715	258	2	9	1	0	715	2019	Preston	V1	2
1101	NorLin	2+9	715	258	2	9	1	0	715	2019	Preston	V2	3
1102	NorLin	2+9	715	258	2	9	1	0	715	2019	Preston	V3	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1103	NorLin	2+9	715	258	2	9	1	0	715	2019	Preston	W1	0
1104	NorLin	2+9	715	258	2	9	1	0	715	2019	Preston	W2	4
1105	NorLin	2+9	715	258	2	9	1	0	715	2019	Preston	W3	4
1106	NxB-RIL-373-27	.	652	259	2	9	0	0	652	2019	Preston	STD	2
1107	NxB-RIL-373-27	.	652	259	2	9	0	0	652	2019	Preston	V1	2
1108	NxB-RIL-373-27	.	652	259	2	9	0	0	652	2019	Preston	V2	3
1109	NxB-RIL-373-27	.	652	259	2	9	0	0	652	2019	Preston	V3	2
1110	NxB-RIL-373-27	.	652	259	2	9	0	0	652	2019	Preston	W1	1
1111	NxB-RIL-373-27	.	652	259	2	9	0	0	652	2019	Preston	W2	8
1112	NxB-RIL-373-27	.	652	259	2	9	0	0	652	2019	Preston	W3	2
1113	NxB-RIL-363-1	.	398	260	2	9	0	0	398	2019	Preston	STD	2
1114	NxB-RIL-363-1	.	398	260	2	9	0	0	398	2019	Preston	V1	2
1115	NxB-RIL-363-1	.	398	260	2	9	0	0	398	2019	Preston	V2	4
1116	NxB-RIL-363-1	.	398	260	2	9	0	0	398	2019	Preston	V3	4
1117	NxB-RIL-363-1	.	398	260	2	9	0	0	398	2019	Preston	W1	3
1118	NxB-RIL-363-1	.	398	260	2	9	0	0	398	2019	Preston	W2	7
1119	NxB-RIL-363-1	.	398	260	2	9	0	0	398	2019	Preston	W3	6
1120	NxB-RIL-370-21	.	576	261	2	9	0	0	576	2019	Preston	STD	2
1121	NxB-RIL-370-21	.	576	261	2	9	0	0	576	2019	Preston	V1	2
1122	NxB-RIL-370-21	.	576	261	2	9	0	0	576	2019	Preston	V2	3
1123	NxB-RIL-370-21	.	576	261	2	9	0	0	576	2019	Preston	V3	3
1124	NxB-RIL-370-21	.	576	261	2	9	0	0	576	2019	Preston	W1	3
1125	NxB-RIL-370-21	.	576	261	2	9	0	0	576	2019	Preston	W2	7
1126	NxB-RIL-370-21	.	576	261	2	9	0	0	576	2019	Preston	W3	3
1127	NxB-RIL-361-24	.	363	262	2	9	0	0	363	2019	Preston	STD	2
1128	NxB-RIL-361-24	.	363	262	2	9	0	0	363	2019	Preston	V1	2
1129	NxB-RIL-361-24	.	363	262	2	9	0	0	363	2019	Preston	V2	2
1130	NxB-RIL-361-24	.	363	262	2	9	0	0	363	2019	Preston	V3	1
1131	NxB-RIL-361-24	.	363	262	2	9	0	0	363	2019	Preston	W1	1
1132	NxB-RIL-361-24	.	363	262	2	9	0	0	363	2019	Preston	W2	5
1133	NxB-RIL-361-24	.	363	262	2	9	0	0	363	2019	Preston	W3	1
1134	BxN-RIL-346-25	.	21	263	3	1	0	0	21	2019	Preston	STD	2
1135	BxN-RIL-346-25	.	21	263	3	1	0	0	21	2019	Preston	V1	3
1136	BxN-RIL-346-25	.	21	263	3	1	0	0	21	2019	Preston	V2	4
1137	BxN-RIL-346-25	.	21	263	3	1	0	0	21	2019	Preston	V3	4
1138	BxN-RIL-346-25	.	21	263	3	1	0	0	21	2019	Preston	W1	4
1139	BxN-RIL-346-25	.	21	263	3	1	0	0	21	2019	Preston	W2	6
1140	BxN-RIL-346-25	.	21	263	3	1	0	0	21	2019	Preston	W3	7

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1141	NxB-RIL-369-5	.	538	264	3	1	0	0	538	2019	Preston	STD	3
1142	NxB-RIL-369-5	.	538	264	3	1	0	0	538	2019	Preston	V1	2
1143	NxB-RIL-369-5	.	538	264	3	1	0	0	538	2019	Preston	V2	2
1144	NxB-RIL-369-5	.	538	264	3	1	0	0	538	2019	Preston	V3	1
1145	NxB-RIL-369-5	.	538	264	3	1	0	0	538	2019	Preston	W1	4
1146	NxB-RIL-369-5	.	538	264	3	1	0	0	538	2019	Preston	W2	4
1147	NxB-RIL-369-5	.	538	264	3	1	0	0	538	2019	Preston	W3	0
1148	NxB-RIL-374-5	.	660	265	3	1	0	0	660	2019	Preston	STD	1
1149	NxB-RIL-374-5	.	660	265	3	1	0	0	660	2019	Preston	V1	1
1150	NxB-RIL-374-5	.	660	265	3	1	0	0	660	2019	Preston	V2	1
1151	NxB-RIL-374-5	.	660	265	3	1	0	0	660	2019	Preston	V3	1
1152	NxB-RIL-374-5	.	660	265	3	1	0	0	660	2019	Preston	W1	0
1153	NxB-RIL-374-5	.	660	265	3	1	0	0	660	2019	Preston	W2	3
1154	NxB-RIL-374-5	.	660	265	3	1	0	0	660	2019	Preston	W3	0
1155	NxB-RIL-370-4	.	562	266	3	1	0	0	562	2019	Preston	STD	2
1156	NxB-RIL-370-4	.	562	266	3	1	0	0	562	2019	Preston	V1	2
1157	NxB-RIL-370-4	.	562	266	3	1	0	0	562	2019	Preston	V2	2
1158	NxB-RIL-370-4	.	562	266	3	1	0	0	562	2019	Preston	V3	1
1159	NxB-RIL-370-4	.	562	266	3	1	0	0	562	2019	Preston	W1	4
1160	NxB-RIL-370-4	.	562	266	3	1	0	0	562	2019	Preston	W2	4
1161	NxB-RIL-370-4	.	562	266	3	1	0	0	562	2019	Preston	W3	0
1162	NorLin	3+1	715	267	3	1	1	0	715	2019	Preston	STD	1
1163	NorLin	3+1	715	267	3	1	1	0	715	2019	Preston	V1	2
1164	NorLin	3+1	715	267	3	1	1	0	715	2019	Preston	V2	2
1165	NorLin	3+1	715	267	3	1	1	0	715	2019	Preston	V3	2
1166	NorLin	3+1	715	267	3	1	1	0	715	2019	Preston	W1	2
1167	NorLin	3+1	715	267	3	1	1	0	715	2019	Preston	W2	4
1168	NorLin	3+1	715	267	3	1	1	0	715	2019	Preston	W3	0
1169	NxB-RIL-365-22	.	459	268	3	1	0	0	459	2019	Preston	STD	2
1170	NxB-RIL-365-22	.	459	268	3	1	0	0	459	2019	Preston	V1	1
1171	NxB-RIL-365-22	.	459	268	3	1	0	0	459	2019	Preston	V2	2
1172	NxB-RIL-365-22	.	459	268	3	1	0	0	459	2019	Preston	V3	2
1173	NxB-RIL-365-22	.	459	268	3	1	0	0	459	2019	Preston	W1	4
1174	NxB-RIL-365-22	.	459	268	3	1	0	0	459	2019	Preston	W2	6
1175	NxB-RIL-365-22	.	459	268	3	1	0	0	459	2019	Preston	W3	1
1176	NxB-RIL-373-28	.	653	269	3	1	0	0	653	2019	Preston	STD	2
1177	NxB-RIL-373-28	.	653	269	3	1	0	0	653	2019	Preston	V1	2
1178	NxB-RIL-373-28	.	653	269	3	1	0	0	653	2019	Preston	V2	5

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1179	NxB-RIL-373-28	.	653	269	3	1	0	0	653	2019	Preston	V3	5
1180	NxB-RIL-373-28	.	653	269	3	1	0	0	653	2019	Preston	W1	5
1181	NxB-RIL-373-28	.	653	269	3	1	0	0	653	2019	Preston	W2	8
1182	NxB-RIL-373-28	.	653	269	3	1	0	0	653	2019	Preston	W3	8
1183	BxN-RIL-358-19	.	269	270	3	1	0	0	269	2019	Preston	STD	1
1184	BxN-RIL-358-19	.	269	270	3	1	0	0	269	2019	Preston	V1	3
1185	BxN-RIL-358-19	.	269	270	3	1	0	0	269	2019	Preston	V2	3
1186	BxN-RIL-358-19	.	269	270	3	1	0	0	269	2019	Preston	V3	3
1187	BxN-RIL-358-19	.	269	270	3	1	0	0	269	2019	Preston	W1	2
1188	BxN-RIL-358-19	.	269	270	3	1	0	0	269	2019	Preston	W2	7
1189	BxN-RIL-358-19	.	269	270	3	1	0	0	269	2019	Preston	W3	4
1190	NxB-RIL-375-3	.	685	271	3	1	0	0	685	2019	Preston	STD	1
1191	NxB-RIL-375-3	.	685	271	3	1	0	0	685	2019	Preston	V1	2
1192	NxB-RIL-375-3	.	685	271	3	1	0	0	685	2019	Preston	V2	2
1193	NxB-RIL-375-3	.	685	271	3	1	0	0	685	2019	Preston	V3	4
1194	NxB-RIL-375-3	.	685	271	3	1	0	0	685	2019	Preston	W1	4
1195	NxB-RIL-375-3	.	685	271	3	1	0	0	685	2019	Preston	W2	6
1196	NxB-RIL-375-3	.	685	271	3	1	0	0	685	2019	Preston	W3	8
1197	BxN-RIL-357-23	.	250	272	3	2	0	0	250	2019	Preston	STD	1
1198	BxN-RIL-357-23	.	250	272	3	2	0	0	250	2019	Preston	V1	1
1199	BxN-RIL-357-23	.	250	272	3	2	0	0	250	2019	Preston	V2	1
1200	BxN-RIL-357-23	.	250	272	3	2	0	0	250	2019	Preston	V3	1
1201	BxN-RIL-357-23	.	250	272	3	2	0	0	250	2019	Preston	W1	0
1202	BxN-RIL-357-23	.	250	272	3	2	0	0	250	2019	Preston	W2	2
1203	BxN-RIL-357-23	.	250	272	3	2	0	0	250	2019	Preston	W3	0
1204	BxN-RIL-346-28	.	23	273	3	2	0	0	23	2019	Preston	STD	2
1205	BxN-RIL-346-28	.	23	273	3	2	0	0	23	2019	Preston	V1	3
1206	BxN-RIL-346-28	.	23	273	3	2	0	0	23	2019	Preston	V2	4
1207	BxN-RIL-346-28	.	23	273	3	2	0	0	23	2019	Preston	V3	4
1208	BxN-RIL-346-28	.	23	273	3	2	0	0	23	2019	Preston	W1	5
1209	BxN-RIL-346-28	.	23	273	3	2	0	0	23	2019	Preston	W2	6
1210	BxN-RIL-346-28	.	23	273	3	2	0	0	23	2019	Preston	W3	8
1211	BxN-RIL-359-12	.	292	274	3	2	0	0	292	2019	Preston	STD	1
1212	BxN-RIL-359-12	.	292	274	3	2	0	0	292	2019	Preston	V1	1
1213	BxN-RIL-359-12	.	292	274	3	2	0	0	292	2019	Preston	V2	1
1214	BxN-RIL-359-12	.	292	274	3	2	0	0	292	2019	Preston	V3	1
1215	BxN-RIL-359-12	.	292	274	3	2	0	0	292	2019	Preston	W1	0
1216	BxN-RIL-359-12	.	292	274	3	2	0	0	292	2019	Preston	W2	2



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1217	BxN-RIL-359-12	.	292	274	3	2	0	0	292	2019	Preston	W3	0
1218	BxN-RIL-357-18	.	245	275	3	2	0	0	245	2019	Preston	STD	3
1219	BxN-RIL-357-18	.	245	275	3	2	0	0	245	2019	Preston	V1	4
1220	BxN-RIL-357-18	.	245	275	3	2	0	0	245	2019	Preston	V2	5
1221	BxN-RIL-357-18	.	245	275	3	2	0	0	245	2019	Preston	V3	5
1222	BxN-RIL-357-18	.	245	275	3	2	0	0	245	2019	Preston	W1	5
1223	BxN-RIL-357-18	.	245	275	3	2	0	0	245	2019	Preston	W2	8
1224	BxN-RIL-357-18	.	245	275	3	2	0	0	245	2019	Preston	W3	8
1225	NorLin	3+2	715	276	3	2	1	0	715	2019	Preston	STD	3
1226	NorLin	3+2	715	276	3	2	1	0	715	2019	Preston	V1	3
1227	NorLin	3+2	715	276	3	2	1	0	715	2019	Preston	V2	3
1228	NorLin	3+2	715	276	3	2	1	0	715	2019	Preston	V3	2
1229	NorLin	3+2	715	276	3	2	1	0	715	2019	Preston	W1	2
1230	NorLin	3+2	715	276	3	2	1	0	715	2019	Preston	W2	4
1231	NorLin	3+2	715	276	3	2	1	0	715	2019	Preston	W3	2
1232	NxB-RIL-371-1	.	582	277	3	2	0	0	582	2019	Preston	STD	3
1233	NxB-RIL-371-1	.	582	277	3	2	0	0	582	2019	Preston	V1	3
1234	NxB-RIL-371-1	.	582	277	3	2	0	0	582	2019	Preston	V2	3
1235	NxB-RIL-371-1	.	582	277	3	2	0	0	582	2019	Preston	V3	2
1236	NxB-RIL-371-1	.	582	277	3	2	0	0	582	2019	Preston	W1	4
1237	NxB-RIL-371-1	.	582	277	3	2	0	0	582	2019	Preston	W2	6
1238	NxB-RIL-371-1	.	582	277	3	2	0	0	582	2019	Preston	W3	6
1239	Novelty3	.	712	278	3	2	0	0	712	2019	Preston	STD	4
1240	Novelty3	.	712	278	3	2	0	0	712	2019	Preston	V1	5
1241	Novelty3	.	712	278	3	2	0	0	712	2019	Preston	V2	5
1242	Novelty3	.	712	278	3	2	0	0	712	2019	Preston	V3	3
1243	Novelty3	.	712	278	3	2	0	0	712	2019	Preston	W1	5
1244	Novelty3	.	712	278	3	2	0	0	712	2019	Preston	W2	8
1245	Novelty3	.	712	278	3	2	0	0	712	2019	Preston	W3	7
1246	BxN-RIL-350-13	.	98	279	3	2	0	0	98	2019	Preston	STD	3
1247	BxN-RIL-350-13	.	98	279	3	2	0	0	98	2019	Preston	V1	4
1248	BxN-RIL-350-13	.	98	279	3	2	0	0	98	2019	Preston	V2	4
1249	BxN-RIL-350-13	.	98	279	3	2	0	0	98	2019	Preston	V3	5
1250	BxN-RIL-350-13	.	98	279	3	2	0	0	98	2019	Preston	W1	5
1251	BxN-RIL-350-13	.	98	279	3	2	0	0	98	2019	Preston	W2	7
1252	BxN-RIL-350-13	.	98	279	3	2	0	0	98	2019	Preston	W3	8
1253	BxN-RIL-346-7	.	6	280	3	2	0	0	6	2019	Preston	STD	3
1254	BxN-RIL-346-7	.	6	280	3	2	0	0	6	2019	Preston	V1	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1255	BxN-RIL-346-7	.	6	280	3	2	0	0	6	2019	Preston	V2	3
1256	BxN-RIL-346-7	.	6	280	3	2	0	0	6	2019	Preston	V3	2
1257	BxN-RIL-346-7	.	6	280	3	2	0	0	6	2019	Preston	W1	0
1258	BxN-RIL-346-7	.	6	280	3	2	0	0	6	2019	Preston	W2	6
1259	BxN-RIL-346-7	.	6	280	3	2	0	0	6	2019	Preston	W3	3
1260	NxB-RIL-361-12	.	351	281	3	3	0	0	351	2019	Preston	STD	2
1261	NxB-RIL-361-12	.	351	281	3	3	0	0	351	2019	Preston	V1	1
1262	NxB-RIL-361-12	.	351	281	3	3	0	0	351	2019	Preston	V2	2
1263	NxB-RIL-361-12	.	351	281	3	3	0	0	351	2019	Preston	V3	2
1264	NxB-RIL-361-12	.	351	281	3	3	0	0	351	2019	Preston	W1	0
1265	NxB-RIL-361-12	.	351	281	3	3	0	0	351	2019	Preston	W2	5
1266	NxB-RIL-361-12	.	351	281	3	3	0	0	351	2019	Preston	W3	2
1267	NxB-RIL-362-32	.	396	282	3	3	0	0	396	2019	Preston	STD	3
1268	NxB-RIL-362-32	.	396	282	3	3	0	0	396	2019	Preston	V1	3
1269	NxB-RIL-362-32	.	396	282	3	3	0	0	396	2019	Preston	V2	4
1270	NxB-RIL-362-32	.	396	282	3	3	0	0	396	2019	Preston	V3	5
1271	NxB-RIL-362-32	.	396	282	3	3	0	0	396	2019	Preston	W1	5
1272	NxB-RIL-362-32	.	396	282	3	3	0	0	396	2019	Preston	W2	7
1273	NxB-RIL-362-32	.	396	282	3	3	0	0	396	2019	Preston	W3	8
1274	NxB-RIL-368-15	.	520	283	3	3	0	0	520	2019	Preston	STD	1
1275	NxB-RIL-368-15	.	520	283	3	3	0	0	520	2019	Preston	V1	1
1276	NxB-RIL-368-15	.	520	283	3	3	0	0	520	2019	Preston	V2	3
1277	NxB-RIL-368-15	.	520	283	3	3	0	0	520	2019	Preston	V3	2
1278	NxB-RIL-368-15	.	520	283	3	3	0	0	520	2019	Preston	W1	4
1279	NxB-RIL-368-15	.	520	283	3	3	0	0	520	2019	Preston	W2	6
1280	NxB-RIL-368-15	.	520	283	3	3	0	0	520	2019	Preston	W3	4
1281	NxB-RIL-361-19	.	358	284	3	3	0	0	358	2019	Preston	STD	1
1282	NxB-RIL-361-19	.	358	284	3	3	0	0	358	2019	Preston	V1	3
1283	NxB-RIL-361-19	.	358	284	3	3	0	0	358	2019	Preston	V2	4
1284	NxB-RIL-361-19	.	358	284	3	3	0	0	358	2019	Preston	V3	4
1285	NxB-RIL-361-19	.	358	284	3	3	0	0	358	2019	Preston	W1	5
1286	NxB-RIL-361-19	.	358	284	3	3	0	0	358	2019	Preston	W2	7
1287	NxB-RIL-361-19	.	358	284	3	3	0	0	358	2019	Preston	W3	7
1288	NorLin	3+3	715	285	3	3	1	0	715	2019	Preston	STD	3
1289	NorLin	3+3	715	285	3	3	1	0	715	2019	Preston	V1	3
1290	NorLin	3+3	715	285	3	3	1	0	715	2019	Preston	V2	4
1291	NorLin	3+3	715	285	3	3	1	0	715	2019	Preston	V3	3
1292	NorLin	3+3	715	285	3	3	1	0	715	2019	Preston	W1	0

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1293	NorLin	3+3	715	285	3	3	1	0	715	2019	Preston	W2	7
1294	NorLin	3+3	715	285	3	3	1	0	715	2019	Preston	W3	3
1295	BxN-RIL-351-18	.	119	286	3	3	0	0	119	2019	Preston	STD	2
1296	BxN-RIL-351-18	.	119	286	3	3	0	0	119	2019	Preston	V1	2
1297	BxN-RIL-351-18	.	119	286	3	3	0	0	119	2019	Preston	V2	4
1298	BxN-RIL-351-18	.	119	286	3	3	0	0	119	2019	Preston	V3	3
1299	BxN-RIL-351-18	.	119	286	3	3	0	0	119	2019	Preston	W1	5
1300	BxN-RIL-351-18	.	119	286	3	3	0	0	119	2019	Preston	W2	8
1301	BxN-RIL-351-18	.	119	286	3	3	0	0	119	2019	Preston	W3	4
1302	NxB-RIL-372-26	.	620	287	3	3	0	0	620	2019	Preston	STD	2
1303	NxB-RIL-372-26	.	620	287	3	3	0	0	620	2019	Preston	V1	2
1304	NxB-RIL-372-26	.	620	287	3	3	0	0	620	2019	Preston	V2	3
1305	NxB-RIL-372-26	.	620	287	3	3	0	0	620	2019	Preston	V3	2
1306	NxB-RIL-372-26	.	620	287	3	3	0	0	620	2019	Preston	W1	0
1307	NxB-RIL-372-26	.	620	287	3	3	0	0	620	2019	Preston	W2	5
1308	NxB-RIL-372-26	.	620	287	3	3	0	0	620	2019	Preston	W3	2
1309	BxN-RIL-357-19	.	246	288	3	3	0	0	246	2019	Preston	STD	2
1310	BxN-RIL-357-19	.	246	288	3	3	0	0	246	2019	Preston	V1	2
1311	BxN-RIL-357-19	.	246	288	3	3	0	0	246	2019	Preston	V2	2
1312	BxN-RIL-357-19	.	246	288	3	3	0	0	246	2019	Preston	V3	1
1313	BxN-RIL-357-19	.	246	288	3	3	0	0	246	2019	Preston	W1	0
1314	BxN-RIL-357-19	.	246	288	3	3	0	0	246	2019	Preston	W2	6
1315	BxN-RIL-357-19	.	246	288	3	3	0	0	246	2019	Preston	W3	1
1316	BxN-RIL-354-2	.	170	289	3	3	0	0	170	2019	Preston	STD	2
1317	BxN-RIL-354-2	.	170	289	3	3	0	0	170	2019	Preston	V1	1
1318	BxN-RIL-354-2	.	170	289	3	3	0	0	170	2019	Preston	V2	2
1319	BxN-RIL-354-2	.	170	289	3	3	0	0	170	2019	Preston	V3	1
1320	BxN-RIL-354-2	.	170	289	3	3	0	0	170	2019	Preston	W1	0
1321	BxN-RIL-354-2	.	170	289	3	3	0	0	170	2019	Preston	W2	5
1322	BxN-RIL-354-2	.	170	289	3	3	0	0	170	2019	Preston	W3	2
1323	NxB-RIL-363-13	.	406	290	3	4	0	0	406	2019	Preston	STD	4
1324	NxB-RIL-363-13	.	406	290	3	4	0	0	406	2019	Preston	V1	3
1325	NxB-RIL-363-13	.	406	290	3	4	0	0	406	2019	Preston	V2	3
1326	NxB-RIL-363-13	.	406	290	3	4	0	0	406	2019	Preston	V3	5
1327	NxB-RIL-363-13	.	406	290	3	4	0	0	406	2019	Preston	W1	5
1328	NxB-RIL-363-13	.	406	290	3	4	0	0	406	2019	Preston	W2	7
1329	NxB-RIL-363-13	.	406	290	3	4	0	0	406	2019	Preston	W3	8
1330	NxB-RIL-374-3	.	658	291	3	4	0	0	658	2019	Preston	STD	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1331	NxB-RIL-374-3	.	658	291	3	4	0	0	658	2019	Preston	V1	1
1332	NxB-RIL-374-3	.	658	291	3	4	0	0	658	2019	Preston	V2	1
1333	NxB-RIL-374-3	.	658	291	3	4	0	0	658	2019	Preston	V3	1
1334	NxB-RIL-374-3	.	658	291	3	4	0	0	658	2019	Preston	W1	0
1335	NxB-RIL-374-3	.	658	291	3	4	0	0	658	2019	Preston	W2	6
1336	NxB-RIL-374-3	.	658	291	3	4	0	0	658	2019	Preston	W3	4
1337	NxB-RIL-366-17	.	480	292	3	4	0	0	480	2019	Preston	STD	3
1338	NxB-RIL-366-17	.	480	292	3	4	0	0	480	2019	Preston	V1	4
1339	NxB-RIL-366-17	.	480	292	3	4	0	0	480	2019	Preston	V2	4
1340	NxB-RIL-366-17	.	480	292	3	4	0	0	480	2019	Preston	V3	3
1341	NxB-RIL-366-17	.	480	292	3	4	0	0	480	2019	Preston	W1	2
1342	NxB-RIL-366-17	.	480	292	3	4	0	0	480	2019	Preston	W2	7
1343	NxB-RIL-366-17	.	480	292	3	4	0	0	480	2019	Preston	W3	6
1344	NxB-RIL-368-1	.	511	293	3	4	0	0	511	2019	Preston	STD	3
1345	NxB-RIL-368-1	.	511	293	3	4	0	0	511	2019	Preston	V1	2
1346	NxB-RIL-368-1	.	511	293	3	4	0	0	511	2019	Preston	V2	3
1347	NxB-RIL-368-1	.	511	293	3	4	0	0	511	2019	Preston	V3	1
1348	NxB-RIL-368-1	.	511	293	3	4	0	0	511	2019	Preston	W1	0
1349	NxB-RIL-368-1	.	511	293	3	4	0	0	511	2019	Preston	W2	7
1350	NxB-RIL-368-1	.	511	293	3	4	0	0	511	2019	Preston	W3	1
1351	NorLin	3+4	715	294	3	4	1	0	715	2019	Preston	STD	3
1352	NorLin	3+4	715	294	3	4	1	0	715	2019	Preston	V1	3
1353	NorLin	3+4	715	294	3	4	1	0	715	2019	Preston	V2	4
1354	NorLin	3+4	715	294	3	4	1	0	715	2019	Preston	V3	2
1355	NorLin	3+4	715	294	3	4	1	0	715	2019	Preston	W1	1
1356	NorLin	3+4	715	294	3	4	1	0	715	2019	Preston	W2	6
1357	NorLin	3+4	715	294	3	4	1	0	715	2019	Preston	W3	4
1358	NxB-RIL-361-2	.	342	295	3	4	0	0	342	2019	Preston	STD	1
1359	NxB-RIL-361-2	.	342	295	3	4	0	0	342	2019	Preston	V1	1
1360	NxB-RIL-361-2	.	342	295	3	4	0	0	342	2019	Preston	V2	1
1361	NxB-RIL-361-2	.	342	295	3	4	0	0	342	2019	Preston	V3	1
1362	NxB-RIL-361-2	.	342	295	3	4	0	0	342	2019	Preston	W1	0
1363	NxB-RIL-361-2	.	342	295	3	4	0	0	342	2019	Preston	W2	6
1364	NxB-RIL-361-2	.	342	295	3	4	0	0	342	2019	Preston	W3	0
1365	NxB-RIL-364-1	.	417	296	3	4	0	0	417	2019	Preston	STD	2
1366	NxB-RIL-364-1	.	417	296	3	4	0	0	417	2019	Preston	V1	2
1367	NxB-RIL-364-1	.	417	296	3	4	0	0	417	2019	Preston	V2	3
1368	NxB-RIL-364-1	.	417	296	3	4	0	0	417	2019	Preston	V3	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1369	NxB-RIL-364-1	.	417	296	3	4	0	0	417	2019	Preston	W1	4
1370	NxB-RIL-364-1	.	417	296	3	4	0	0	417	2019	Preston	W2	6
1371	NxB-RIL-364-1	.	417	296	3	4	0	0	417	2019	Preston	W3	6
1372	BxN-RIL-351-11	.	114	297	3	4	0	0	114	2019	Preston	STD	2
1373	BxN-RIL-351-11	.	114	297	3	4	0	0	114	2019	Preston	V1	3
1374	BxN-RIL-351-11	.	114	297	3	4	0	0	114	2019	Preston	V2	3
1375	BxN-RIL-351-11	.	114	297	3	4	0	0	114	2019	Preston	V3	3
1376	BxN-RIL-351-11	.	114	297	3	4	0	0	114	2019	Preston	W1	1
1377	BxN-RIL-351-11	.	114	297	3	4	0	0	114	2019	Preston	W2	6
1378	BxN-RIL-351-11	.	114	297	3	4	0	0	114	2019	Preston	W3	5
1379	BxN-RIL-353-4	.	149	298	3	4	0	0	149	2019	Preston	STD	2
1380	BxN-RIL-353-4	.	149	298	3	4	0	0	149	2019	Preston	V1	2
1381	BxN-RIL-353-4	.	149	298	3	4	0	0	149	2019	Preston	V2	2
1382	BxN-RIL-353-4	.	149	298	3	4	0	0	149	2019	Preston	V3	2
1383	BxN-RIL-353-4	.	149	298	3	4	0	0	149	2019	Preston	W1	0
1384	BxN-RIL-353-4	.	149	298	3	4	0	0	149	2019	Preston	W2	6
1385	BxN-RIL-353-4	.	149	298	3	4	0	0	149	2019	Preston	W3	0
1386	NxB-RIL-375-10	.	692	299	3	5	0	0	692	2019	Preston	STD	2
1387	NxB-RIL-375-10	.	692	299	3	5	0	0	692	2019	Preston	V1	2
1388	NxB-RIL-375-10	.	692	299	3	5	0	0	692	2019	Preston	V2	2
1389	NxB-RIL-375-10	.	692	299	3	5	0	0	692	2019	Preston	V3	1
1390	NxB-RIL-375-10	.	692	299	3	5	0	0	692	2019	Preston	W1	0
1391	NxB-RIL-375-10	.	692	299	3	5	0	0	692	2019	Preston	W2	5
1392	NxB-RIL-375-10	.	692	299	3	5	0	0	692	2019	Preston	W3	0
1393	NxB-RIL-368-24	.	529	300	3	5	0	0	529	2019	Preston	STD	1
1394	NxB-RIL-368-24	.	529	300	3	5	0	0	529	2019	Preston	V1	1
1395	NxB-RIL-368-24	.	529	300	3	5	0	0	529	2019	Preston	V2	2
1396	NxB-RIL-368-24	.	529	300	3	5	0	0	529	2019	Preston	V3	1
1397	NxB-RIL-368-24	.	529	300	3	5	0	0	529	2019	Preston	W1	0
1398	NxB-RIL-368-24	.	529	300	3	5	0	0	529	2019	Preston	W2	5
1399	NxB-RIL-368-24	.	529	300	3	5	0	0	529	2019	Preston	W3	0
1400	NxB-RIL-365-16	.	454	301	3	5	0	0	454	2019	Preston	STD	3
1401	NxB-RIL-365-16	.	454	301	3	5	0	0	454	2019	Preston	V1	2
1402	NxB-RIL-365-16	.	454	301	3	5	0	0	454	2019	Preston	V2	4
1403	NxB-RIL-365-16	.	454	301	3	5	0	0	454	2019	Preston	V3	3
1404	NxB-RIL-365-16	.	454	301	3	5	0	0	454	2019	Preston	W1	5
1405	NxB-RIL-365-16	.	454	301	3	5	0	0	454	2019	Preston	W2	7
1406	NxB-RIL-365-16	.	454	301	3	5	0	0	454	2019	Preston	W3	5

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1407	Novelty4	.	713	302	3	5	0	0	713	2019	Preston	STD	5
1408	Novelty4	.	713	302	3	5	0	0	713	2019	Preston	V1	5
1409	Novelty4	.	713	302	3	5	0	0	713	2019	Preston	V2	5
1410	Novelty4	.	713	302	3	5	0	0	713	2019	Preston	V3	5
1411	Novelty4	.	713	302	3	5	0	0	713	2019	Preston	W1	5
1412	Novelty4	.	713	302	3	5	0	0	713	2019	Preston	W2	8
1413	Novelty4	.	713	302	3	5	0	0	713	2019	Preston	W3	8
1414	NorLin	3+5	715	303	3	5	1	0	715	2019	Preston	STD	4
1415	NorLin	3+5	715	303	3	5	1	0	715	2019	Preston	V1	3
1416	NorLin	3+5	715	303	3	5	1	0	715	2019	Preston	V2	3
1417	NorLin	3+5	715	303	3	5	1	0	715	2019	Preston	V3	2
1418	NorLin	3+5	715	303	3	5	1	0	715	2019	Preston	W1	0
1419	NorLin	3+5	715	303	3	5	1	0	715	2019	Preston	W2	5
1420	NorLin	3+5	715	303	3	5	1	0	715	2019	Preston	W3	1
1421	NxB-RIL-368-28	.	533	304	3	5	0	0	533	2019	Preston	STD	1
1422	NxB-RIL-368-28	.	533	304	3	5	0	0	533	2019	Preston	V1	1
1423	NxB-RIL-368-28	.	533	304	3	5	0	0	533	2019	Preston	V2	2
1424	NxB-RIL-368-28	.	533	304	3	5	0	0	533	2019	Preston	V3	1
1425	NxB-RIL-368-28	.	533	304	3	5	0	0	533	2019	Preston	W1	0
1426	NxB-RIL-368-28	.	533	304	3	5	0	0	533	2019	Preston	W2	6
1427	NxB-RIL-368-28	.	533	304	3	5	0	0	533	2019	Preston	W3	1
1428	NxB-RIL-368-19	.	524	305	3	5	0	0	524	2019	Preston	STD	2
1429	NxB-RIL-368-19	.	524	305	3	5	0	0	524	2019	Preston	V1	2
1430	NxB-RIL-368-19	.	524	305	3	5	0	0	524	2019	Preston	V2	2
1431	NxB-RIL-368-19	.	524	305	3	5	0	0	524	2019	Preston	V3	2
1432	NxB-RIL-368-19	.	524	305	3	5	0	0	524	2019	Preston	W1	0
1433	NxB-RIL-368-19	.	524	305	3	5	0	0	524	2019	Preston	W2	5
1434	NxB-RIL-368-19	.	524	305	3	5	0	0	524	2019	Preston	W3	0
1435	NxB-RIL-374-2	.	657	306	3	5	0	0	657	2019	Preston	STD	1
1436	NxB-RIL-374-2	.	657	306	3	5	0	0	657	2019	Preston	V1	1
1437	NxB-RIL-374-2	.	657	306	3	5	0	0	657	2019	Preston	V2	2
1438	NxB-RIL-374-2	.	657	306	3	5	0	0	657	2019	Preston	V3	2
1439	NxB-RIL-374-2	.	657	306	3	5	0	0	657	2019	Preston	W1	0
1440	NxB-RIL-374-2	.	657	306	3	5	0	0	657	2019	Preston	W2	5
1441	NxB-RIL-374-2	.	657	306	3	5	0	0	657	2019	Preston	W3	0
1442	BxN-RIL-359-23	.	302	307	3	5	0	0	302	2019	Preston	STD	2
1443	BxN-RIL-359-23	.	302	307	3	5	0	0	302	2019	Preston	V1	2
1444	BxN-RIL-359-23	.	302	307	3	5	0	0	302	2019	Preston	V2	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1445	BxN-RIL-359-23	.	302	307	3	5	0	0	302	2019	Preston	V3	1
1446	BxN-RIL-359-23	.	302	307	3	5	0	0	302	2019	Preston	W1	0
1447	BxN-RIL-359-23	.	302	307	3	5	0	0	302	2019	Preston	W2	6
1448	BxN-RIL-359-23	.	302	307	3	5	0	0	302	2019	Preston	W3	0
1449	BxN-RIL-347-18	.	39	308	3	6	0	0	39	2019	Preston	STD	3
1450	BxN-RIL-347-18	.	39	308	3	6	0	0	39	2019	Preston	V1	4
1451	BxN-RIL-347-18	.	39	308	3	6	0	0	39	2019	Preston	V2	4
1452	BxN-RIL-347-18	.	39	308	3	6	0	0	39	2019	Preston	V3	3
1453	BxN-RIL-347-18	.	39	308	3	6	0	0	39	2019	Preston	W1	2
1454	BxN-RIL-347-18	.	39	308	3	6	0	0	39	2019	Preston	W2	7
1455	BxN-RIL-347-18	.	39	308	3	6	0	0	39	2019	Preston	W3	2
1456	NxB-RIL-370-18	.	573	309	3	6	0	0	573	2019	Preston	STD	3
1457	NxB-RIL-370-18	.	573	309	3	6	0	0	573	2019	Preston	V1	3
1458	NxB-RIL-370-18	.	573	309	3	6	0	0	573	2019	Preston	V2	4
1459	NxB-RIL-370-18	.	573	309	3	6	0	0	573	2019	Preston	V3	5
1460	NxB-RIL-370-18	.	573	309	3	6	0	0	573	2019	Preston	W1	5
1461	NxB-RIL-370-18	.	573	309	3	6	0	0	573	2019	Preston	W2	7
1462	NxB-RIL-370-18	.	573	309	3	6	0	0	573	2019	Preston	W3	7
1463	BxN-RIL-347-5	.	27	310	3	6	0	0	27	2019	Preston	STD	3
1464	BxN-RIL-347-5	.	27	310	3	6	0	0	27	2019	Preston	V1	3
1465	BxN-RIL-347-5	.	27	310	3	6	0	0	27	2019	Preston	V2	4
1466	BxN-RIL-347-5	.	27	310	3	6	0	0	27	2019	Preston	V3	4
1467	BxN-RIL-347-5	.	27	310	3	6	0	0	27	2019	Preston	W1	3
1468	BxN-RIL-347-5	.	27	310	3	6	0	0	27	2019	Preston	W2	7
1469	BxN-RIL-347-5	.	27	310	3	6	0	0	27	2019	Preston	W3	5
1470	BxN-RIL-346-17	.	13	311	3	6	0	0	13	2019	Preston	STD	2
1471	BxN-RIL-346-17	.	13	311	3	6	0	0	13	2019	Preston	V1	2
1472	BxN-RIL-346-17	.	13	311	3	6	0	0	13	2019	Preston	V2	2
1473	BxN-RIL-346-17	.	13	311	3	6	0	0	13	2019	Preston	V3	1
1474	BxN-RIL-346-17	.	13	311	3	6	0	0	13	2019	Preston	W1	0
1475	BxN-RIL-346-17	.	13	311	3	6	0	0	13	2019	Preston	W2	6
1476	BxN-RIL-346-17	.	13	311	3	6	0	0	13	2019	Preston	W3	2
1477	NorLin	3+6	715	312	3	6	1	0	715	2019	Preston	STD	2
1478	NorLin	3+6	715	312	3	6	1	0	715	2019	Preston	V1	2
1479	NorLin	3+6	715	312	3	6	1	0	715	2019	Preston	V2	2
1480	NorLin	3+6	715	312	3	6	1	0	715	2019	Preston	V3	2
1481	NorLin	3+6	715	312	3	6	1	0	715	2019	Preston	W1	0
1482	NorLin	3+6	715	312	3	6	1	0	715	2019	Preston	W2	5

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1483	NorLin	3+6	715	312	3	6	1	0	715	2019	Preston	W3	2
1484	NxB-RIL-373-15	.	640	313	3	6	0	0	640	2019	Preston	STD	2
1485	NxB-RIL-373-15	.	640	313	3	6	0	0	640	2019	Preston	V1	2
1486	NxB-RIL-373-15	.	640	313	3	6	0	0	640	2019	Preston	V2	2
1487	NxB-RIL-373-15	.	640	313	3	6	0	0	640	2019	Preston	V3	1
1488	NxB-RIL-373-15	.	640	313	3	6	0	0	640	2019	Preston	W1	0
1489	NxB-RIL-373-15	.	640	313	3	6	0	0	640	2019	Preston	W2	5
1490	NxB-RIL-373-15	.	640	313	3	6	0	0	640	2019	Preston	W3	1
1491	NxB-RIL-365-11	.	450	314	3	6	0	0	450	2019	Preston	STD	2
1492	NxB-RIL-365-11	.	450	314	3	6	0	0	450	2019	Preston	V1	2
1493	NxB-RIL-365-11	.	450	314	3	6	0	0	450	2019	Preston	V2	2
1494	NxB-RIL-365-11	.	450	314	3	6	0	0	450	2019	Preston	V3	1
1495	NxB-RIL-365-11	.	450	314	3	6	0	0	450	2019	Preston	W1	0
1496	NxB-RIL-365-11	.	450	314	3	6	0	0	450	2019	Preston	W2	4
1497	NxB-RIL-365-11	.	450	314	3	6	0	0	450	2019	Preston	W3	0
1498	NxB-RIL-375-1	.	683	315	3	6	0	0	683	2019	Preston	STD	1
1499	NxB-RIL-375-1	.	683	315	3	6	0	0	683	2019	Preston	V1	2
1500	NxB-RIL-375-1	.	683	315	3	6	0	0	683	2019	Preston	V2	2
1501	NxB-RIL-375-1	.	683	315	3	6	0	0	683	2019	Preston	V3	1
1502	NxB-RIL-375-1	.	683	315	3	6	0	0	683	2019	Preston	W1	0
1503	NxB-RIL-375-1	.	683	315	3	6	0	0	683	2019	Preston	W2	4
1504	NxB-RIL-375-1	.	683	315	3	6	0	0	683	2019	Preston	W3	0
1505	NxB-RIL-373-11	.	636	316	3	6	0	0	636	2019	Preston	STD	4
1506	NxB-RIL-373-11	.	636	316	3	6	0	0	636	2019	Preston	V1	4
1507	NxB-RIL-373-11	.	636	316	3	6	0	0	636	2019	Preston	V2	5
1508	NxB-RIL-373-11	.	636	316	3	6	0	0	636	2019	Preston	V3	5
1509	NxB-RIL-373-11	.	636	316	3	6	0	0	636	2019	Preston	W1	2
1510	NxB-RIL-373-11	.	636	316	3	6	0	0	636	2019	Preston	W2	6
1511	NxB-RIL-373-11	.	636	316	3	6	0	0	636	2019	Preston	W3	7
1512	BxN-RIL-351-5	.	110	317	3	7	0	0	110	2019	Preston	STD	3
1513	BxN-RIL-351-5	.	110	317	3	7	0	0	110	2019	Preston	V1	4
1514	BxN-RIL-351-5	.	110	317	3	7	0	0	110	2019	Preston	V2	5
1515	BxN-RIL-351-5	.	110	317	3	7	0	0	110	2019	Preston	V3	4
1516	BxN-RIL-351-5	.	110	317	3	7	0	0	110	2019	Preston	W1	4
1517	BxN-RIL-351-5	.	110	317	3	7	0	0	110	2019	Preston	W2	6
1518	BxN-RIL-351-5	.	110	317	3	7	0	0	110	2019	Preston	W3	6
1519	NxB-RIL-366-12	.	476	318	3	7	0	0	476	2019	Preston	STD	3
1520	NxB-RIL-366-12	.	476	318	3	7	0	0	476	2019	Preston	V1	3



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1521	NxB-RIL-366-12	.	476	318	3	7	0	0	476	2019	Preston	V2	4
1522	NxB-RIL-366-12	.	476	318	3	7	0	0	476	2019	Preston	V3	3
1523	NxB-RIL-366-12	.	476	318	3	7	0	0	476	2019	Preston	W1	0
1524	NxB-RIL-366-12	.	476	318	3	7	0	0	476	2019	Preston	W2	5
1525	NxB-RIL-366-12	.	476	318	3	7	0	0	476	2019	Preston	W3	6
1526	BxN-RIL-360-20	.	328	319	3	7	0	0	328	2019	Preston	STD	3
1527	BxN-RIL-360-20	.	328	319	3	7	0	0	328	2019	Preston	V1	3
1528	BxN-RIL-360-20	.	328	319	3	7	0	0	328	2019	Preston	V2	4
1529	BxN-RIL-360-20	.	328	319	3	7	0	0	328	2019	Preston	V3	3
1530	BxN-RIL-360-20	.	328	319	3	7	0	0	328	2019	Preston	W1	0
1531	BxN-RIL-360-20	.	328	319	3	7	0	0	328	2019	Preston	W2	5
1532	BxN-RIL-360-20	.	328	319	3	7	0	0	328	2019	Preston	W3	5
1533	NxB-RIL-370-25	.	579	320	3	7	0	0	579	2019	Preston	STD	3
1534	NxB-RIL-370-25	.	579	320	3	7	0	0	579	2019	Preston	V1	3
1535	NxB-RIL-370-25	.	579	320	3	7	0	0	579	2019	Preston	V2	4
1536	NxB-RIL-370-25	.	579	320	3	7	0	0	579	2019	Preston	V3	3
1537	NxB-RIL-370-25	.	579	320	3	7	0	0	579	2019	Preston	W1	0
1538	NxB-RIL-370-25	.	579	320	3	7	0	0	579	2019	Preston	W2	5
1539	NxB-RIL-370-25	.	579	320	3	7	0	0	579	2019	Preston	W3	5
1540	NorLin	3+7	715	321	3	7	1	0	715	2019	Preston	STD	3
1541	NorLin	3+7	715	321	3	7	1	0	715	2019	Preston	V1	3
1542	NorLin	3+7	715	321	3	7	1	0	715	2019	Preston	V2	3
1543	NorLin	3+7	715	321	3	7	1	0	715	2019	Preston	V3	3
1544	NorLin	3+7	715	321	3	7	1	0	715	2019	Preston	W1	0
1545	NorLin	3+7	715	321	3	7	1	0	715	2019	Preston	W2	5
1546	NorLin	3+7	715	321	3	7	1	0	715	2019	Preston	W3	4
1547	NxB-RIL-373-19	.	644	322	3	7	0	0	644	2019	Preston	STD	2
1548	NxB-RIL-373-19	.	644	322	3	7	0	0	644	2019	Preston	V1	2
1549	NxB-RIL-373-19	.	644	322	3	7	0	0	644	2019	Preston	V2	2
1550	NxB-RIL-373-19	.	644	322	3	7	0	0	644	2019	Preston	V3	3
1551	NxB-RIL-373-19	.	644	322	3	7	0	0	644	2019	Preston	W1	5
1552	NxB-RIL-373-19	.	644	322	3	7	0	0	644	2019	Preston	W2	5
1553	NxB-RIL-373-19	.	644	322	3	7	0	0	644	2019	Preston	W3	4
1554	NxB-RIL-361-23	.	362	323	3	7	0	0	362	2019	Preston	STD	2
1555	NxB-RIL-361-23	.	362	323	3	7	0	0	362	2019	Preston	V1	2
1556	NxB-RIL-361-23	.	362	323	3	7	0	0	362	2019	Preston	V2	2
1557	NxB-RIL-361-23	.	362	323	3	7	0	0	362	2019	Preston	V3	2
1558	NxB-RIL-361-23	.	362	323	3	7	0	0	362	2019	Preston	W1	0

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1559	NxB-RIL-361-23	.	362	323	3	7	0	0	362	2019	Preston	W2	5
1560	NxB-RIL-361-23	.	362	323	3	7	0	0	362	2019	Preston	W3	1
1561	BxN-RIL-350-2	.	89	324	3	7	0	0	89	2019	Preston	STD	3
1562	BxN-RIL-350-2	.	89	324	3	7	0	0	89	2019	Preston	V1	3
1563	BxN-RIL-350-2	.	89	324	3	7	0	0	89	2019	Preston	V2	4
1564	BxN-RIL-350-2	.	89	324	3	7	0	0	89	2019	Preston	V3	3
1565	BxN-RIL-350-2	.	89	324	3	7	0	0	89	2019	Preston	W1	4
1566	BxN-RIL-350-2	.	89	324	3	7	0	0	89	2019	Preston	W2	5
1567	BxN-RIL-350-2	.	89	324	3	7	0	0	89	2019	Preston	W3	4
1568	BxN-RIL-360-5	.	315	325	3	7	0	0	315	2019	Preston	STD	3
1569	BxN-RIL-360-5	.	315	325	3	7	0	0	315	2019	Preston	V1	3
1570	BxN-RIL-360-5	.	315	325	3	7	0	0	315	2019	Preston	V2	4
1571	BxN-RIL-360-5	.	315	325	3	7	0	0	315	2019	Preston	V3	3
1572	BxN-RIL-360-5	.	315	325	3	7	0	0	315	2019	Preston	W1	0
1573	BxN-RIL-360-5	.	315	325	3	7	0	0	315	2019	Preston	W2	6
1574	BxN-RIL-360-5	.	315	325	3	7	0	0	315	2019	Preston	W3	4
1575	BxN-RIL-348-20	.	63	326	3	8	0	0	63	2019	Preston	STD	2
1576	BxN-RIL-348-20	.	63	326	3	8	0	0	63	2019	Preston	V1	3
1577	BxN-RIL-348-20	.	63	326	3	8	0	0	63	2019	Preston	V2	3
1578	BxN-RIL-348-20	.	63	326	3	8	0	0	63	2019	Preston	V3	3
1579	BxN-RIL-348-20	.	63	326	3	8	0	0	63	2019	Preston	W1	0
1580	BxN-RIL-348-20	.	63	326	3	8	0	0	63	2019	Preston	W2	6
1581	BxN-RIL-348-20	.	63	326	3	8	0	0	63	2019	Preston	W3	5
1582	BxN-RIL-360-22	.	330	327	3	8	0	0	330	2019	Preston	STD	4
1583	BxN-RIL-360-22	.	330	327	3	8	0	0	330	2019	Preston	V1	3
1584	BxN-RIL-360-22	.	330	327	3	8	0	0	330	2019	Preston	V2	3
1585	BxN-RIL-360-22	.	330	327	3	8	0	0	330	2019	Preston	V3	4
1586	BxN-RIL-360-22	.	330	327	3	8	0	0	330	2019	Preston	W1	0
1587	BxN-RIL-360-22	.	330	327	3	8	0	0	330	2019	Preston	W2	6
1588	BxN-RIL-360-22	.	330	327	3	8	0	0	330	2019	Preston	W3	4
1589	BxN-RIL-350-11	.	96	328	3	8	0	0	96	2019	Preston	STD	3
1590	BxN-RIL-350-11	.	96	328	3	8	0	0	96	2019	Preston	V1	3
1591	BxN-RIL-350-11	.	96	328	3	8	0	0	96	2019	Preston	V2	3
1592	BxN-RIL-350-11	.	96	328	3	8	0	0	96	2019	Preston	V3	3
1593	BxN-RIL-350-11	.	96	328	3	8	0	0	96	2019	Preston	W1	5
1594	BxN-RIL-350-11	.	96	328	3	8	0	0	96	2019	Preston	W2	5
1595	BxN-RIL-350-11	.	96	328	3	8	0	0	96	2019	Preston	W3	4
1596	NxB-RIL-373-12	.	637	329	3	8	0	0	637	2019	Preston	STD	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1597	NxB-RIL-373-12	.	637	329	3	8	0	0	637	2019	Preston	V1	3
1598	NxB-RIL-373-12	.	637	329	3	8	0	0	637	2019	Preston	V2	4
1599	NxB-RIL-373-12	.	637	329	3	8	0	0	637	2019	Preston	V3	4
1600	NxB-RIL-373-12	.	637	329	3	8	0	0	637	2019	Preston	W1	0
1601	NxB-RIL-373-12	.	637	329	3	8	0	0	637	2019	Preston	W2	5
1602	NxB-RIL-373-12	.	637	329	3	8	0	0	637	2019	Preston	W3	5
1603	NorLin	3+8	715	330	3	8	1	0	715	2019	Preston	STD	2
1604	NorLin	3+8	715	330	3	8	1	0	715	2019	Preston	V1	2
1605	NorLin	3+8	715	330	3	8	1	0	715	2019	Preston	V2	2
1606	NorLin	3+8	715	330	3	8	1	0	715	2019	Preston	V3	2
1607	NorLin	3+8	715	330	3	8	1	0	715	2019	Preston	W1	2
1608	NorLin	3+8	715	330	3	8	1	0	715	2019	Preston	W2	4
1609	NorLin	3+8	715	330	3	8	1	0	715	2019	Preston	W3	2
1610	NxB-RIL-374-21	.	672	331	3	8	0	0	672	2019	Preston	STD	1
1611	NxB-RIL-374-21	.	672	331	3	8	0	0	672	2019	Preston	V1	2
1612	NxB-RIL-374-21	.	672	331	3	8	0	0	672	2019	Preston	V2	2
1613	NxB-RIL-374-21	.	672	331	3	8	0	0	672	2019	Preston	V3	3
1614	NxB-RIL-374-21	.	672	331	3	8	0	0	672	2019	Preston	W1	0
1615	NxB-RIL-374-21	.	672	331	3	8	0	0	672	2019	Preston	W2	5
1616	NxB-RIL-374-21	.	672	331	3	8	0	0	672	2019	Preston	W3	4
1617	Bison5	.	709	332	3	8	0	0	709	2019	Preston	STD	4
1618	Bison5	.	709	332	3	8	0	0	709	2019	Preston	V1	3
1619	Bison5	.	709	332	3	8	0	0	709	2019	Preston	V2	3
1620	Bison5	.	709	332	3	8	0	0	709	2019	Preston	V3	4
1621	Bison5	.	709	332	3	8	0	0	709	2019	Preston	W1	0
1622	Bison5	.	709	332	3	8	0	0	709	2019	Preston	W2	5
1623	Bison5	.	709	332	3	8	0	0	709	2019	Preston	W3	6
1624	BxN-RIL-351-21	.	121	333	3	8	0	0	121	2019	Preston	STD	3
1625	BxN-RIL-351-21	.	121	333	3	8	0	0	121	2019	Preston	V1	4
1626	BxN-RIL-351-21	.	121	333	3	8	0	0	121	2019	Preston	V2	5
1627	BxN-RIL-351-21	.	121	333	3	8	0	0	121	2019	Preston	V3	5
1628	BxN-RIL-351-21	.	121	333	3	8	0	0	121	2019	Preston	W1	4
1629	BxN-RIL-351-21	.	121	333	3	8	0	0	121	2019	Preston	W2	6
1630	BxN-RIL-351-21	.	121	333	3	8	0	0	121	2019	Preston	W3	6
1631	NxB-RIL-374-24	.	675	334	3	8	0	0	675	2019	Preston	STD	3
1632	NxB-RIL-374-24	.	675	334	3	8	0	0	675	2019	Preston	V1	3
1633	NxB-RIL-374-24	.	675	334	3	8	0	0	675	2019	Preston	V2	3
1634	NxB-RIL-374-24	.	675	334	3	8	0	0	675	2019	Preston	V3	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1635	NxB-RIL-374-24	.	675	334	3	8	0	0	675	2019	Preston	W1	0
1636	NxB-RIL-374-24	.	675	334	3	8	0	0	675	2019	Preston	W2	6
1637	NxB-RIL-374-24	.	675	334	3	8	0	0	675	2019	Preston	W3	5
1638	BxN-RIL-359-31	.	310	335	3	9	0	0	310	2019	Preston	STD	3
1639	BxN-RIL-359-31	.	310	335	3	9	0	0	310	2019	Preston	V1	4
1640	BxN-RIL-359-31	.	310	335	3	9	0	0	310	2019	Preston	V2	4
1641	BxN-RIL-359-31	.	310	335	3	9	0	0	310	2019	Preston	V3	5
1642	BxN-RIL-359-31	.	310	335	3	9	0	0	310	2019	Preston	W1	6
1643	BxN-RIL-359-31	.	310	335	3	9	0	0	310	2019	Preston	W2	8
1644	BxN-RIL-359-31	.	310	335	3	9	0	0	310	2019	Preston	W3	8
1645	BxN-RIL-350-20	.	104	336	3	9	0	0	104	2019	Preston	STD	1
1646	BxN-RIL-350-20	.	104	336	3	9	0	0	104	2019	Preston	V1	1
1647	BxN-RIL-350-20	.	104	336	3	9	0	0	104	2019	Preston	V2	1
1648	BxN-RIL-350-20	.	104	336	3	9	0	0	104	2019	Preston	V3	1
1649	BxN-RIL-350-20	.	104	336	3	9	0	0	104	2019	Preston	W1	0
1650	BxN-RIL-350-20	.	104	336	3	9	0	0	104	2019	Preston	W2	5
1651	BxN-RIL-350-20	.	104	336	3	9	0	0	104	2019	Preston	W3	2
1652	NxB-RIL-372-19	.	614	337	3	9	0	0	614	2019	Preston	STD	2
1653	NxB-RIL-372-19	.	614	337	3	9	0	0	614	2019	Preston	V1	2
1654	NxB-RIL-372-19	.	614	337	3	9	0	0	614	2019	Preston	V2	3
1655	NxB-RIL-372-19	.	614	337	3	9	0	0	614	2019	Preston	V3	3
1656	NxB-RIL-372-19	.	614	337	3	9	0	0	614	2019	Preston	W1	2
1657	NxB-RIL-372-19	.	614	337	3	9	0	0	614	2019	Preston	W2	6
1658	NxB-RIL-372-19	.	614	337	3	9	0	0	614	2019	Preston	W3	5
1659	NxB-RIL-365-17	.	455	338	3	9	0	0	455	2019	Preston	STD	3
1660	NxB-RIL-365-17	.	455	338	3	9	0	0	455	2019	Preston	V1	1
1661	NxB-RIL-365-17	.	455	338	3	9	0	0	455	2019	Preston	V2	1
1662	NxB-RIL-365-17	.	455	338	3	9	0	0	455	2019	Preston	V3	2
1663	NxB-RIL-365-17	.	455	338	3	9	0	0	455	2019	Preston	W1	0
1664	NxB-RIL-365-17	.	455	338	3	9	0	0	455	2019	Preston	W2	6
1665	NxB-RIL-365-17	.	455	338	3	9	0	0	455	2019	Preston	W3	5
1666	NorLin	3+9	715	339	3	9	1	0	715	2019	Preston	STD	3
1667	NorLin	3+9	715	339	3	9	1	0	715	2019	Preston	V1	2
1668	NorLin	3+9	715	339	3	9	1	0	715	2019	Preston	V2	2
1669	NorLin	3+9	715	339	3	9	1	0	715	2019	Preston	V3	3
1670	NorLin	3+9	715	339	3	9	1	0	715	2019	Preston	W1	0
1671	NorLin	3+9	715	339	3	9	1	0	715	2019	Preston	W2	5
1672	NorLin	3+9	715	339	3	9	1	0	715	2019	Preston	W3	6

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1673	BxN-RIL-356-9	.	219	340	3	9	0	0	219	2019	Preston	STD	1
1674	BxN-RIL-356-9	.	219	340	3	9	0	0	219	2019	Preston	V1	1
1675	BxN-RIL-356-9	.	219	340	3	9	0	0	219	2019	Preston	V2	1
1676	BxN-RIL-356-9	.	219	340	3	9	0	0	219	2019	Preston	V3	1
1677	BxN-RIL-356-9	.	219	340	3	9	0	0	219	2019	Preston	W1	0
1678	BxN-RIL-356-9	.	219	340	3	9	0	0	219	2019	Preston	W2	6
1679	BxN-RIL-356-9	.	219	340	3	9	0	0	219	2019	Preston	W3	2
1680	BxN-RIL-359-22	.	301	341	3	9	0	0	301	2019	Preston	STD	1
1681	BxN-RIL-359-22	.	301	341	3	9	0	0	301	2019	Preston	V1	2
1682	BxN-RIL-359-22	.	301	341	3	9	0	0	301	2019	Preston	V2	4
1683	BxN-RIL-359-22	.	301	341	3	9	0	0	301	2019	Preston	V3	4
1684	BxN-RIL-359-22	.	301	341	3	9	0	0	301	2019	Preston	W1	0
1685	BxN-RIL-359-22	.	301	341	3	9	0	0	301	2019	Preston	W2	7
1686	BxN-RIL-359-22	.	301	341	3	9	0	0	301	2019	Preston	W3	6
1687	NxB-RIL-369-16	.	549	342	3	9	0	0	549	2019	Preston	STD	2
1688	NxB-RIL-369-16	.	549	342	3	9	0	0	549	2019	Preston	V1	2
1689	NxB-RIL-369-16	.	549	342	3	9	0	0	549	2019	Preston	V2	3
1690	NxB-RIL-369-16	.	549	342	3	9	0	0	549	2019	Preston	V3	2
1691	NxB-RIL-369-16	.	549	342	3	9	0	0	549	2019	Preston	W1	0
1692	NxB-RIL-369-16	.	549	342	3	9	0	0	549	2019	Preston	W2	6
1693	NxB-RIL-369-16	.	549	342	3	9	0	0	549	2019	Preston	W3	3
1694	BxN-RIL-357-22	.	249	343	3	9	0	0	249	2019	Preston	STD	2
1695	BxN-RIL-357-22	.	249	343	3	9	0	0	249	2019	Preston	V1	1
1696	BxN-RIL-357-22	.	249	343	3	9	0	0	249	2019	Preston	V2	2
1697	BxN-RIL-357-22	.	249	343	3	9	0	0	249	2019	Preston	V3	2
1698	BxN-RIL-357-22	.	249	343	3	9	0	0	249	2019	Preston	W1	0
1699	BxN-RIL-357-22	.	249	343	3	9	0	0	249	2019	Preston	W2	7
1700	BxN-RIL-357-22	.	249	343	3	9	0	0	249	2019	Preston	W3	3
1701	NxB-RIL-370-28	.	581	344	4	1	0	0	581	2019	Preston	STD	3
1702	NxB-RIL-370-28	.	581	344	4	1	0	0	581	2019	Preston	V1	3
1703	NxB-RIL-370-28	.	581	344	4	1	0	0	581	2019	Preston	V2	3
1704	NxB-RIL-370-28	.	581	344	4	1	0	0	581	2019	Preston	V3	5
1705	NxB-RIL-370-28	.	581	344	4	1	0	0	581	2019	Preston	W1	3
1706	NxB-RIL-370-28	.	581	344	4	1	0	0	581	2019	Preston	W2	5
1707	NxB-RIL-370-28	.	581	344	4	1	0	0	581	2019	Preston	W3	8
1708	BxN-RIL-348-23	.	65	345	4	1	0	0	65	2019	Preston	STD	2
1709	BxN-RIL-348-23	.	65	345	4	1	0	0	65	2019	Preston	V1	2
1710	BxN-RIL-348-23	.	65	345	4	1	0	0	65	2019	Preston	V2	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1711	BxN-RIL-348-23	.	65	345	4	1	0	0	65	2019	Preston	V3	4
1712	BxN-RIL-348-23	.	65	345	4	1	0	0	65	2019	Preston	W1	2
1713	BxN-RIL-348-23	.	65	345	4	1	0	0	65	2019	Preston	W2	4
1714	BxN-RIL-348-23	.	65	345	4	1	0	0	65	2019	Preston	W3	7
1715	NxB-RIL-373-18	.	643	346	4	1	0	0	643	2019	Preston	STD	2
1716	NxB-RIL-373-18	.	643	346	4	1	0	0	643	2019	Preston	V1	2
1717	NxB-RIL-373-18	.	643	346	4	1	0	0	643	2019	Preston	V2	1
1718	NxB-RIL-373-18	.	643	346	4	1	0	0	643	2019	Preston	V3	2
1719	NxB-RIL-373-18	.	643	346	4	1	0	0	643	2019	Preston	W1	1
1720	NxB-RIL-373-18	.	643	346	4	1	0	0	643	2019	Preston	W2	3
1721	NxB-RIL-373-18	.	643	346	4	1	0	0	643	2019	Preston	W3	2
1722	NxB-RIL-363-19	.	411	347	4	1	0	0	411	2019	Preston	STD	2
1723	NxB-RIL-363-19	.	411	347	4	1	0	0	411	2019	Preston	V1	3
1724	NxB-RIL-363-19	.	411	347	4	1	0	0	411	2019	Preston	V2	1
1725	NxB-RIL-363-19	.	411	347	4	1	0	0	411	2019	Preston	V3	2
1726	NxB-RIL-363-19	.	411	347	4	1	0	0	411	2019	Preston	W1	1
1727	NxB-RIL-363-19	.	411	347	4	1	0	0	411	2019	Preston	W2	3
1728	NxB-RIL-363-19	.	411	347	4	1	0	0	411	2019	Preston	W3	3
1729	NorLin	4+1	715	348	4	1	1	0	715	2019	Preston	STD	3
1730	NorLin	4+1	715	348	4	1	1	0	715	2019	Preston	V1	3
1731	NorLin	4+1	715	348	4	1	1	0	715	2019	Preston	V2	2
1732	NorLin	4+1	715	348	4	1	1	0	715	2019	Preston	V3	2
1733	NorLin	4+1	715	348	4	1	1	0	715	2019	Preston	W1	1
1734	NorLin	4+1	715	348	4	1	1	0	715	2019	Preston	W2	3
1735	NorLin	4+1	715	348	4	1	1	0	715	2019	Preston	W3	1
1736	NxB-RIL-374-19	.	671	349	4	1	0	0	671	2019	Preston	STD	3
1737	NxB-RIL-374-19	.	671	349	4	1	0	0	671	2019	Preston	V1	3
1738	NxB-RIL-374-19	.	671	349	4	1	0	0	671	2019	Preston	V2	3
1739	NxB-RIL-374-19	.	671	349	4	1	0	0	671	2019	Preston	V3	4
1740	NxB-RIL-374-19	.	671	349	4	1	0	0	671	2019	Preston	W1	1
1741	NxB-RIL-374-19	.	671	349	4	1	0	0	671	2019	Preston	W2	5
1742	NxB-RIL-374-19	.	671	349	4	1	0	0	671	2019	Preston	W3	7
1743	BxN-RIL-346-1	.	1	350	4	1	0	0	1	2019	Preston	STD	2
1744	BxN-RIL-346-1	.	1	350	4	1	0	0	1	2019	Preston	V1	2
1745	BxN-RIL-346-1	.	1	350	4	1	0	0	1	2019	Preston	V2	3
1746	BxN-RIL-346-1	.	1	350	4	1	0	0	1	2019	Preston	V3	2
1747	BxN-RIL-346-1	.	1	350	4	1	0	0	1	2019	Preston	W1	0
1748	BxN-RIL-346-1	.	1	350	4	1	0	0	1	2019	Preston	W2	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1749	BxN-RIL-346-1	.	1	350	4	1	0	0	1	2019	Preston	W3	3
1750	BxN-RIL-346-3	.	3	351	4	1	0	0	3	2019	Preston	STD	2
1751	BxN-RIL-346-3	.	3	351	4	1	0	0	3	2019	Preston	V1	2
1752	BxN-RIL-346-3	.	3	351	4	1	0	0	3	2019	Preston	V2	3
1753	BxN-RIL-346-3	.	3	351	4	1	0	0	3	2019	Preston	V3	4
1754	BxN-RIL-346-3	.	3	351	4	1	0	0	3	2019	Preston	W1	1
1755	BxN-RIL-346-3	.	3	351	4	1	0	0	3	2019	Preston	W2	5
1756	BxN-RIL-346-3	.	3	351	4	1	0	0	3	2019	Preston	W3	6
1757	NxB-RIL-372-31	.	625	352	4	1	0	0	625	2019	Preston	STD	1
1758	NxB-RIL-372-31	.	625	352	4	1	0	0	625	2019	Preston	V1	2
1759	NxB-RIL-372-31	.	625	352	4	1	0	0	625	2019	Preston	V2	1
1760	NxB-RIL-372-31	.	625	352	4	1	0	0	625	2019	Preston	V3	1
1761	NxB-RIL-372-31	.	625	352	4	1	0	0	625	2019	Preston	W1	1
1762	NxB-RIL-372-31	.	625	352	4	1	0	0	625	2019	Preston	W2	2
1763	NxB-RIL-372-31	.	625	352	4	1	0	0	625	2019	Preston	W3	0
1764	NxB-RIL-371-14	.	593	353	4	2	0	0	593	2019	Preston	STD	3
1765	NxB-RIL-371-14	.	593	353	4	2	0	0	593	2019	Preston	V1	2
1766	NxB-RIL-371-14	.	593	353	4	2	0	0	593	2019	Preston	V2	2
1767	NxB-RIL-371-14	.	593	353	4	2	0	0	593	2019	Preston	V3	3
1768	NxB-RIL-371-14	.	593	353	4	2	0	0	593	2019	Preston	W1	1
1769	NxB-RIL-371-14	.	593	353	4	2	0	0	593	2019	Preston	W2	3
1770	NxB-RIL-371-14	.	593	353	4	2	0	0	593	2019	Preston	W3	3
1771	NxB-RIL-373-31	.	656	354	4	2	0	0	656	2019	Preston	STD	2
1772	NxB-RIL-373-31	.	656	354	4	2	0	0	656	2019	Preston	V1	2
1773	NxB-RIL-373-31	.	656	354	4	2	0	0	656	2019	Preston	V2	2
1774	NxB-RIL-373-31	.	656	354	4	2	0	0	656	2019	Preston	V3	3
1775	NxB-RIL-373-31	.	656	354	4	2	0	0	656	2019	Preston	W1	2
1776	NxB-RIL-373-31	.	656	354	4	2	0	0	656	2019	Preston	W2	4
1777	NxB-RIL-373-31	.	656	354	4	2	0	0	656	2019	Preston	W3	6
1778	Novelty5	.	714	355	4	2	0	0	714	2019	Preston	STD	4
1779	Novelty5	.	714	355	4	2	0	0	714	2019	Preston	V1	4
1780	Novelty5	.	714	355	4	2	0	0	714	2019	Preston	V2	4
1781	Novelty5	.	714	355	4	2	0	0	714	2019	Preston	V3	4
1782	Novelty5	.	714	355	4	2	0	0	714	2019	Preston	W1	4
1783	Novelty5	.	714	355	4	2	0	0	714	2019	Preston	W2	6
1784	Novelty5	.	714	355	4	2	0	0	714	2019	Preston	W3	7
1785	BxN-RIL-360-18	.	326	356	4	2	0	0	326	2019	Preston	STD	4
1786	BxN-RIL-360-18	.	326	356	4	2	0	0	326	2019	Preston	V1	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1787	BxN-RIL-360-18	.	326	356	4	2	0	0	326	2019	Preston	V2	3
1788	BxN-RIL-360-18	.	326	356	4	2	0	0	326	2019	Preston	V3	4
1789	BxN-RIL-360-18	.	326	356	4	2	0	0	326	2019	Preston	W1	2
1790	BxN-RIL-360-18	.	326	356	4	2	0	0	326	2019	Preston	W2	4
1791	BxN-RIL-360-18	.	326	356	4	2	0	0	326	2019	Preston	W3	6
1792	NorLin	4+2	715	357	4	2	1	0	715	2019	Preston	STD	4
1793	NorLin	4+2	715	357	4	2	1	0	715	2019	Preston	V1	4
1794	NorLin	4+2	715	357	4	2	1	0	715	2019	Preston	V2	3
1795	NorLin	4+2	715	357	4	2	1	0	715	2019	Preston	V3	3
1796	NorLin	4+2	715	357	4	2	1	0	715	2019	Preston	W1	1
1797	NorLin	4+2	715	357	4	2	1	0	715	2019	Preston	W2	4
1798	NorLin	4+2	715	357	4	2	1	0	715	2019	Preston	W3	4
1799	NxB-RIL-371-17	.	595	358	4	2	0	0	595	2019	Preston	STD	4
1800	NxB-RIL-371-17	.	595	358	4	2	0	0	595	2019	Preston	V1	3
1801	NxB-RIL-371-17	.	595	358	4	2	0	0	595	2019	Preston	V2	3
1802	NxB-RIL-371-17	.	595	358	4	2	0	0	595	2019	Preston	V3	3
1803	NxB-RIL-371-17	.	595	358	4	2	0	0	595	2019	Preston	W1	1
1804	NxB-RIL-371-17	.	595	358	4	2	0	0	595	2019	Preston	W2	3
1805	NxB-RIL-371-17	.	595	358	4	2	0	0	595	2019	Preston	W3	3
1806	NxB-RIL-368-20	.	525	359	4	2	0	0	525	2019	Preston	STD	3
1807	NxB-RIL-368-20	.	525	359	4	2	0	0	525	2019	Preston	V1	4
1808	NxB-RIL-368-20	.	525	359	4	2	0	0	525	2019	Preston	V2	4
1809	NxB-RIL-368-20	.	525	359	4	2	0	0	525	2019	Preston	V3	5
1810	NxB-RIL-368-20	.	525	359	4	2	0	0	525	2019	Preston	W1	3
1811	NxB-RIL-368-20	.	525	359	4	2	0	0	525	2019	Preston	W2	5
1812	NxB-RIL-368-20	.	525	359	4	2	0	0	525	2019	Preston	W3	8
1813	BxN-RIL-356-6	.	217	360	4	2	0	0	217	2019	Preston	STD	3
1814	BxN-RIL-356-6	.	217	360	4	2	0	0	217	2019	Preston	V1	3
1815	BxN-RIL-356-6	.	217	360	4	2	0	0	217	2019	Preston	V2	3
1816	BxN-RIL-356-6	.	217	360	4	2	0	0	217	2019	Preston	V3	5
1817	BxN-RIL-356-6	.	217	360	4	2	0	0	217	2019	Preston	W1	2
1818	BxN-RIL-356-6	.	217	360	4	2	0	0	217	2019	Preston	W2	4
1819	BxN-RIL-356-6	.	217	360	4	2	0	0	217	2019	Preston	W3	8
1820	BxN-RIL-357-21	.	248	361	4	2	0	0	248	2019	Preston	STD	3
1821	BxN-RIL-357-21	.	248	361	4	2	0	0	248	2019	Preston	V1	3
1822	BxN-RIL-357-21	.	248	361	4	2	0	0	248	2019	Preston	V2	3
1823	BxN-RIL-357-21	.	248	361	4	2	0	0	248	2019	Preston	V3	5
1824	BxN-RIL-357-21	.	248	361	4	2	0	0	248	2019	Preston	W1	3



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1825	BxN-RIL-357-21	.	248	361	4	2	0	0	248	2019	Preston	W2	4
1826	BxN-RIL-357-21	.	248	361	4	2	0	0	248	2019	Preston	W3	8
1827	NxB-RIL-375-19	.	700	362	4	3	0	0	700	2019	Preston	STD	3
1828	NxB-RIL-375-19	.	700	362	4	3	0	0	700	2019	Preston	V1	2
1829	NxB-RIL-375-19	.	700	362	4	3	0	0	700	2019	Preston	V2	1
1830	NxB-RIL-375-19	.	700	362	4	3	0	0	700	2019	Preston	V3	1
1831	NxB-RIL-375-19	.	700	362	4	3	0	0	700	2019	Preston	W1	2
1832	NxB-RIL-375-19	.	700	362	4	3	0	0	700	2019	Preston	W2	2
1833	NxB-RIL-375-19	.	700	362	4	3	0	0	700	2019	Preston	W3	0
1834	NxB-RIL-373-22	.	647	363	4	3	0	0	647	2019	Preston	STD	2
1835	NxB-RIL-373-22	.	647	363	4	3	0	0	647	2019	Preston	V1	2
1836	NxB-RIL-373-22	.	647	363	4	3	0	0	647	2019	Preston	V2	1
1837	NxB-RIL-373-22	.	647	363	4	3	0	0	647	2019	Preston	V3	1
1838	NxB-RIL-373-22	.	647	363	4	3	0	0	647	2019	Preston	W1	1
1839	NxB-RIL-373-22	.	647	363	4	3	0	0	647	2019	Preston	W2	2
1840	NxB-RIL-373-22	.	647	363	4	3	0	0	647	2019	Preston	W3	0
1841	NxB-RIL-369-6	.	539	364	4	3	0	0	539	2019	Preston	STD	3
1842	NxB-RIL-369-6	.	539	364	4	3	0	0	539	2019	Preston	V1	4
1843	NxB-RIL-369-6	.	539	364	4	3	0	0	539	2019	Preston	V2	3
1844	NxB-RIL-369-6	.	539	364	4	3	0	0	539	2019	Preston	V3	5
1845	NxB-RIL-369-6	.	539	364	4	3	0	0	539	2019	Preston	W1	3
1846	NxB-RIL-369-6	.	539	364	4	3	0	0	539	2019	Preston	W2	5
1847	NxB-RIL-369-6	.	539	364	4	3	0	0	539	2019	Preston	W3	8
1848	BxN-RIL-359-17	.	297	365	4	3	0	0	297	2019	Preston	STD	3
1849	BxN-RIL-359-17	.	297	365	4	3	0	0	297	2019	Preston	V1	4
1850	BxN-RIL-359-17	.	297	365	4	3	0	0	297	2019	Preston	V2	4
1851	BxN-RIL-359-17	.	297	365	4	3	0	0	297	2019	Preston	V3	5
1852	BxN-RIL-359-17	.	297	365	4	3	0	0	297	2019	Preston	W1	3
1853	BxN-RIL-359-17	.	297	365	4	3	0	0	297	2019	Preston	W2	6
1854	BxN-RIL-359-17	.	297	365	4	3	0	0	297	2019	Preston	W3	8
1855	NorLin	4+3	715	366	4	3	1	0	715	2019	Preston	STD	3
1856	NorLin	4+3	715	366	4	3	1	0	715	2019	Preston	V1	3
1857	NorLin	4+3	715	366	4	3	1	0	715	2019	Preston	V2	3
1858	NorLin	4+3	715	366	4	3	1	0	715	2019	Preston	V3	4
1859	NorLin	4+3	715	366	4	3	1	0	715	2019	Preston	W1	1
1860	NorLin	4+3	715	366	4	3	1	0	715	2019	Preston	W2	4
1861	NorLin	4+3	715	366	4	3	1	0	715	2019	Preston	W3	4
1862	BxN-RIL-354-15	.	180	367	4	3	0	0	180	2019	Preston	STD	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1863	BxN-RIL-354-15	.	180	367	4	3	0	0	180	2019	Preston	V1	2
1864	BxN-RIL-354-15	.	180	367	4	3	0	0	180	2019	Preston	V2	2
1865	BxN-RIL-354-15	.	180	367	4	3	0	0	180	2019	Preston	V3	2
1866	BxN-RIL-354-15	.	180	367	4	3	0	0	180	2019	Preston	W1	1
1867	BxN-RIL-354-15	.	180	367	4	3	0	0	180	2019	Preston	W2	3
1868	BxN-RIL-354-15	.	180	367	4	3	0	0	180	2019	Preston	W3	1
1869	NxB-RIL-370-17	.	572	368	4	3	0	0	572	2019	Preston	STD	3
1870	NxB-RIL-370-17	.	572	368	4	3	0	0	572	2019	Preston	V1	2
1871	NxB-RIL-370-17	.	572	368	4	3	0	0	572	2019	Preston	V2	1
1872	NxB-RIL-370-17	.	572	368	4	3	0	0	572	2019	Preston	V3	1
1873	NxB-RIL-370-17	.	572	368	4	3	0	0	572	2019	Preston	W1	1
1874	NxB-RIL-370-17	.	572	368	4	3	0	0	572	2019	Preston	W2	3
1875	NxB-RIL-370-17	.	572	368	4	3	0	0	572	2019	Preston	W3	0
1876	BxN-RIL-358-29	.	279	369	4	3	0	0	279	2019	Preston	STD	4
1877	BxN-RIL-358-29	.	279	369	4	3	0	0	279	2019	Preston	V1	4
1878	BxN-RIL-358-29	.	279	369	4	3	0	0	279	2019	Preston	V2	3
1879	BxN-RIL-358-29	.	279	369	4	3	0	0	279	2019	Preston	V3	5
1880	BxN-RIL-358-29	.	279	369	4	3	0	0	279	2019	Preston	W1	3
1881	BxN-RIL-358-29	.	279	369	4	3	0	0	279	2019	Preston	W2	5
1882	BxN-RIL-358-29	.	279	369	4	3	0	0	279	2019	Preston	W3	8
1883	BxN-RIL-354-13	.	178	370	4	3	0	0	178	2019	Preston	STD	4
1884	BxN-RIL-354-13	.	178	370	4	3	0	0	178	2019	Preston	V1	4
1885	BxN-RIL-354-13	.	178	370	4	3	0	0	178	2019	Preston	V2	4
1886	BxN-RIL-354-13	.	178	370	4	3	0	0	178	2019	Preston	V3	5
1887	BxN-RIL-354-13	.	178	370	4	3	0	0	178	2019	Preston	W1	4
1888	BxN-RIL-354-13	.	178	370	4	3	0	0	178	2019	Preston	W2	6
1889	BxN-RIL-354-13	.	178	370	4	3	0	0	178	2019	Preston	W3	9
1890	NxB-RIL-364-6	.	422	371	4	4	0	0	422	2019	Preston	STD	2
1891	NxB-RIL-364-6	.	422	371	4	4	0	0	422	2019	Preston	V1	2
1892	NxB-RIL-364-6	.	422	371	4	4	0	0	422	2019	Preston	V2	2
1893	NxB-RIL-364-6	.	422	371	4	4	0	0	422	2019	Preston	V3	1
1894	NxB-RIL-364-6	.	422	371	4	4	0	0	422	2019	Preston	W1	1
1895	NxB-RIL-364-6	.	422	371	4	4	0	0	422	2019	Preston	W2	3
1896	NxB-RIL-364-6	.	422	371	4	4	0	0	422	2019	Preston	W3	0
1897	BxN-RIL-354-29	.	190	372	4	4	0	0	190	2019	Preston	STD	2
1898	BxN-RIL-354-29	.	190	372	4	4	0	0	190	2019	Preston	V1	3
1899	BxN-RIL-354-29	.	190	372	4	4	0	0	190	2019	Preston	V2	3
1900	BxN-RIL-354-29	.	190	372	4	4	0	0	190	2019	Preston	V3	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1901	BxN-RIL-354-29	.	190	372	4	4	0	0	190	2019	Preston	W1	1
1902	BxN-RIL-354-29	.	190	372	4	4	0	0	190	2019	Preston	W2	4
1903	BxN-RIL-354-29	.	190	372	4	4	0	0	190	2019	Preston	W3	5
1904	NxB-RIL-368-3	.	512	373	4	4	0	0	512	2019	Preston	STD	2
1905	NxB-RIL-368-3	.	512	373	4	4	0	0	512	2019	Preston	V1	3
1906	NxB-RIL-368-3	.	512	373	4	4	0	0	512	2019	Preston	V2	3
1907	NxB-RIL-368-3	.	512	373	4	4	0	0	512	2019	Preston	V3	4
1908	NxB-RIL-368-3	.	512	373	4	4	0	0	512	2019	Preston	W1	1
1909	NxB-RIL-368-3	.	512	373	4	4	0	0	512	2019	Preston	W2	4
1910	NxB-RIL-368-3	.	512	373	4	4	0	0	512	2019	Preston	W3	6
1911	NxB-RIL-374-9	.	662	374	4	4	0	0	662	2019	Preston	STD	3
1912	NxB-RIL-374-9	.	662	374	4	4	0	0	662	2019	Preston	V1	3
1913	NxB-RIL-374-9	.	662	374	4	4	0	0	662	2019	Preston	V2	3
1914	NxB-RIL-374-9	.	662	374	4	4	0	0	662	2019	Preston	V3	4
1915	NxB-RIL-374-9	.	662	374	4	4	0	0	662	2019	Preston	W1	2
1916	NxB-RIL-374-9	.	662	374	4	4	0	0	662	2019	Preston	W2	4
1917	NxB-RIL-374-9	.	662	374	4	4	0	0	662	2019	Preston	W3	6
1918	NorLin	4+4	715	375	4	4	1	0	715	2019	Preston	STD	3
1919	NorLin	4+4	715	375	4	4	1	0	715	2019	Preston	V1	3
1920	NorLin	4+4	715	375	4	4	1	0	715	2019	Preston	V2	3
1921	NorLin	4+4	715	375	4	4	1	0	715	2019	Preston	V3	3
1922	NorLin	4+4	715	375	4	4	1	0	715	2019	Preston	W1	1
1923	NorLin	4+4	715	375	4	4	1	0	715	2019	Preston	W2	4
1924	NorLin	4+4	715	375	4	4	1	0	715	2019	Preston	W3	4
1925	BxN-RIL-348-8	.	52	376	4	4	0	0	52	2019	Preston	STD	3
1926	BxN-RIL-348-8	.	52	376	4	4	0	0	52	2019	Preston	V1	3
1927	BxN-RIL-348-8	.	52	376	4	4	0	0	52	2019	Preston	V2	2
1928	BxN-RIL-348-8	.	52	376	4	4	0	0	52	2019	Preston	V3	4
1929	BxN-RIL-348-8	.	52	376	4	4	0	0	52	2019	Preston	W1	2
1930	BxN-RIL-348-8	.	52	376	4	4	0	0	52	2019	Preston	W2	4
1931	BxN-RIL-348-8	.	52	376	4	4	0	0	52	2019	Preston	W3	7
1932	BxN-RIL-357-13	.	242	377	4	4	0	0	242	2019	Preston	STD	2
1933	BxN-RIL-357-13	.	242	377	4	4	0	0	242	2019	Preston	V1	2
1934	BxN-RIL-357-13	.	242	377	4	4	0	0	242	2019	Preston	V2	1
1935	BxN-RIL-357-13	.	242	377	4	4	0	0	242	2019	Preston	V3	1
1936	BxN-RIL-357-13	.	242	377	4	4	0	0	242	2019	Preston	W1	1
1937	BxN-RIL-357-13	.	242	377	4	4	0	0	242	2019	Preston	W2	2
1938	BxN-RIL-357-13	.	242	377	4	4	0	0	242	2019	Preston	W3	0

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1939	BxN-RIL-356-12	.	221	378	4	4	0	0	221	2019	Preston	STD	3
1940	BxN-RIL-356-12	.	221	378	4	4	0	0	221	2019	Preston	V1	3
1941	BxN-RIL-356-12	.	221	378	4	4	0	0	221	2019	Preston	V2	2
1942	BxN-RIL-356-12	.	221	378	4	4	0	0	221	2019	Preston	V3	3
1943	BxN-RIL-356-12	.	221	378	4	4	0	0	221	2019	Preston	W1	1
1944	BxN-RIL-356-12	.	221	378	4	4	0	0	221	2019	Preston	W2	3
1945	BxN-RIL-356-12	.	221	378	4	4	0	0	221	2019	Preston	W3	3
1946	BxN-RIL-357-20	.	247	379	4	4	0	0	247	2019	Preston	STD	2
1947	BxN-RIL-357-20	.	247	379	4	4	0	0	247	2019	Preston	V1	4
1948	BxN-RIL-357-20	.	247	379	4	4	0	0	247	2019	Preston	V2	3
1949	BxN-RIL-357-20	.	247	379	4	4	0	0	247	2019	Preston	V3	3
1950	BxN-RIL-357-20	.	247	379	4	4	0	0	247	2019	Preston	W1	3
1951	BxN-RIL-357-20	.	247	379	4	4	0	0	247	2019	Preston	W2	5
1952	BxN-RIL-357-20	.	247	379	4	4	0	0	247	2019	Preston	W3	6
1953	BxN-RIL-360-25	.	333	380	4	5	0	0	333	2019	Preston	STD	2
1954	BxN-RIL-360-25	.	333	380	4	5	0	0	333	2019	Preston	V1	2
1955	BxN-RIL-360-25	.	333	380	4	5	0	0	333	2019	Preston	V2	2
1956	BxN-RIL-360-25	.	333	380	4	5	0	0	333	2019	Preston	V3	1
1957	BxN-RIL-360-25	.	333	380	4	5	0	0	333	2019	Preston	W1	1
1958	BxN-RIL-360-25	.	333	380	4	5	0	0	333	2019	Preston	W2	4
1959	BxN-RIL-360-25	.	333	380	4	5	0	0	333	2019	Preston	W3	2
1960	BxN-RIL-354-9	.	175	381	4	5	0	0	175	2019	Preston	STD	2
1961	BxN-RIL-354-9	.	175	381	4	5	0	0	175	2019	Preston	V1	2
1962	BxN-RIL-354-9	.	175	381	4	5	0	0	175	2019	Preston	V2	3
1963	BxN-RIL-354-9	.	175	381	4	5	0	0	175	2019	Preston	V3	2
1964	BxN-RIL-354-9	.	175	381	4	5	0	0	175	2019	Preston	W1	1
1965	BxN-RIL-354-9	.	175	381	4	5	0	0	175	2019	Preston	W2	4
1966	BxN-RIL-354-9	.	175	381	4	5	0	0	175	2019	Preston	W3	1
1967	BxN-RIL-354-23	.	186	382	4	5	0	0	186	2019	Preston	STD	3
1968	BxN-RIL-354-23	.	186	382	4	5	0	0	186	2019	Preston	V1	2
1969	BxN-RIL-354-23	.	186	382	4	5	0	0	186	2019	Preston	V2	3
1970	BxN-RIL-354-23	.	186	382	4	5	0	0	186	2019	Preston	V3	3
1971	BxN-RIL-354-23	.	186	382	4	5	0	0	186	2019	Preston	W1	1
1972	BxN-RIL-354-23	.	186	382	4	5	0	0	186	2019	Preston	W2	4
1973	BxN-RIL-354-23	.	186	382	4	5	0	0	186	2019	Preston	W3	3
1974	NxB-RIL-369-11	.	544	383	4	5	0	0	544	2019	Preston	STD	4
1975	NxB-RIL-369-11	.	544	383	4	5	0	0	544	2019	Preston	V1	4
1976	NxB-RIL-369-11	.	544	383	4	5	0	0	544	2019	Preston	V2	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
1977	NxB-RIL-369-11	.	544	383	4	5	0	0	544	2019	Preston	V3	5
1978	NxB-RIL-369-11	.	544	383	4	5	0	0	544	2019	Preston	W1	2
1979	NxB-RIL-369-11	.	544	383	4	5	0	0	544	2019	Preston	W2	6
1980	NxB-RIL-369-11	.	544	383	4	5	0	0	544	2019	Preston	W3	7
1981	NorLin	4+5	715	384	4	5	1	0	715	2019	Preston	STD	3
1982	NorLin	4+5	715	384	4	5	1	0	715	2019	Preston	V1	2
1983	NorLin	4+5	715	384	4	5	1	0	715	2019	Preston	V2	2
1984	NorLin	4+5	715	384	4	5	1	0	715	2019	Preston	V3	2
1985	NorLin	4+5	715	384	4	5	1	0	715	2019	Preston	W1	1
1986	NorLin	4+5	715	384	4	5	1	0	715	2019	Preston	W2	2
1987	NorLin	4+5	715	384	4	5	1	0	715	2019	Preston	W3	0
1988	BxN-RIL-348-5	.	49	385	4	5	0	0	49	2019	Preston	STD	2
1989	BxN-RIL-348-5	.	49	385	4	5	0	0	49	2019	Preston	V1	2
1990	BxN-RIL-348-5	.	49	385	4	5	0	0	49	2019	Preston	V2	1
1991	BxN-RIL-348-5	.	49	385	4	5	0	0	49	2019	Preston	V3	1
1992	BxN-RIL-348-5	.	49	385	4	5	0	0	49	2019	Preston	W1	1
1993	BxN-RIL-348-5	.	49	385	4	5	0	0	49	2019	Preston	W2	2
1994	BxN-RIL-348-5	.	49	385	4	5	0	0	49	2019	Preston	W3	0
1995	NxB-RIL-370-15	.	571	386	4	5	0	0	571	2019	Preston	STD	2
1996	NxB-RIL-370-15	.	571	386	4	5	0	0	571	2019	Preston	V1	3
1997	NxB-RIL-370-15	.	571	386	4	5	0	0	571	2019	Preston	V2	2
1998	NxB-RIL-370-15	.	571	386	4	5	0	0	571	2019	Preston	V3	2
1999	NxB-RIL-370-15	.	571	386	4	5	0	0	571	2019	Preston	W1	1
2000	NxB-RIL-370-15	.	571	386	4	5	0	0	571	2019	Preston	W2	3
2001	NxB-RIL-370-15	.	571	386	4	5	0	0	571	2019	Preston	W3	3
2002	NxB-RIL-364-20	.	435	387	4	5	0	0	435	2019	Preston	STD	3
2003	NxB-RIL-364-20	.	435	387	4	5	0	0	435	2019	Preston	V1	2
2004	NxB-RIL-364-20	.	435	387	4	5	0	0	435	2019	Preston	V2	2
2005	NxB-RIL-364-20	.	435	387	4	5	0	0	435	2019	Preston	V3	3
2006	NxB-RIL-364-20	.	435	387	4	5	0	0	435	2019	Preston	W1	2
2007	NxB-RIL-364-20	.	435	387	4	5	0	0	435	2019	Preston	W2	4
2008	NxB-RIL-364-20	.	435	387	4	5	0	0	435	2019	Preston	W3	3
2009	BxN-RIL-358-26	.	276	388	4	5	0	0	276	2019	Preston	STD	3
2010	BxN-RIL-358-26	.	276	388	4	5	0	0	276	2019	Preston	V1	3
2011	BxN-RIL-358-26	.	276	388	4	5	0	0	276	2019	Preston	V2	3
2012	BxN-RIL-358-26	.	276	388	4	5	0	0	276	2019	Preston	V3	5
2013	BxN-RIL-358-26	.	276	388	4	5	0	0	276	2019	Preston	W1	3
2014	BxN-RIL-358-26	.	276	388	4	5	0	0	276	2019	Preston	W2	5

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2015	BxN-RIL-358-26	.	276	388	4	5	0	0	276	2019	Preston	W3	8
2016	NxB-RIL-366-25	.	486	389	4	6	0	0	486	2019	Preston	STD	2
2017	NxB-RIL-366-25	.	486	389	4	6	0	0	486	2019	Preston	V1	3
2018	NxB-RIL-366-25	.	486	389	4	6	0	0	486	2019	Preston	V2	2
2019	NxB-RIL-366-25	.	486	389	4	6	0	0	486	2019	Preston	V3	2
2020	NxB-RIL-366-25	.	486	389	4	6	0	0	486	2019	Preston	W1	1
2021	NxB-RIL-366-25	.	486	389	4	6	0	0	486	2019	Preston	W2	4
2022	NxB-RIL-366-25	.	486	389	4	6	0	0	486	2019	Preston	W3	2
2023	BxN-RIL-347-16	.	37	390	4	6	0	0	37	2019	Preston	STD	2
2024	BxN-RIL-347-16	.	37	390	4	6	0	0	37	2019	Preston	V1	2
2025	BxN-RIL-347-16	.	37	390	4	6	0	0	37	2019	Preston	V2	2
2026	BxN-RIL-347-16	.	37	390	4	6	0	0	37	2019	Preston	V3	2
2027	BxN-RIL-347-16	.	37	390	4	6	0	0	37	2019	Preston	W1	1
2028	BxN-RIL-347-16	.	37	390	4	6	0	0	37	2019	Preston	W2	3
2029	BxN-RIL-347-16	.	37	390	4	6	0	0	37	2019	Preston	W3	1
2030	NxB-RIL-362-11	.	381	391	4	6	0	0	381	2019	Preston	STD	2
2031	NxB-RIL-362-11	.	381	391	4	6	0	0	381	2019	Preston	V1	1
2032	NxB-RIL-362-11	.	381	391	4	6	0	0	381	2019	Preston	V2	3
2033	NxB-RIL-362-11	.	381	391	4	6	0	0	381	2019	Preston	V3	2
2034	NxB-RIL-362-11	.	381	391	4	6	0	0	381	2019	Preston	W1	0
2035	NxB-RIL-362-11	.	381	391	4	6	0	0	381	2019	Preston	W2	4
2036	NxB-RIL-362-11	.	381	391	4	6	0	0	381	2019	Preston	W3	3
2037	BxN-RIL-360-3	.	313	392	4	6	0	0	313	2019	Preston	STD	2
2038	BxN-RIL-360-3	.	313	392	4	6	0	0	313	2019	Preston	V1	2
2039	BxN-RIL-360-3	.	313	392	4	6	0	0	313	2019	Preston	V2	3
2040	BxN-RIL-360-3	.	313	392	4	6	0	0	313	2019	Preston	V3	2
2041	BxN-RIL-360-3	.	313	392	4	6	0	0	313	2019	Preston	W1	2
2042	BxN-RIL-360-3	.	313	392	4	6	0	0	313	2019	Preston	W2	5
2043	BxN-RIL-360-3	.	313	392	4	6	0	0	313	2019	Preston	W3	4
2044	NorLin	4+6	715	393	4	6	1	0	715	2019	Preston	STD	3
2045	NorLin	4+6	715	393	4	6	1	0	715	2019	Preston	V1	2
2046	NorLin	4+6	715	393	4	6	1	0	715	2019	Preston	V2	2
2047	NorLin	4+6	715	393	4	6	1	0	715	2019	Preston	V3	2
2048	NorLin	4+6	715	393	4	6	1	0	715	2019	Preston	W1	1
2049	NorLin	4+6	715	393	4	6	1	0	715	2019	Preston	W2	4
2050	NorLin	4+6	715	393	4	6	1	0	715	2019	Preston	W3	4
2051	BxN-RIL-347-4	.	26	394	4	6	0	0	26	2019	Preston	STD	3
2052	BxN-RIL-347-4	.	26	394	4	6	0	0	26	2019	Preston	V1	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2053	BxN-RIL-347-4	.	26	394	4	6	0	0	26	2019	Preston	V2	3
2054	BxN-RIL-347-4	.	26	394	4	6	0	0	26	2019	Preston	V3	5
2055	BxN-RIL-347-4	.	26	394	4	6	0	0	26	2019	Preston	W1	4
2056	BxN-RIL-347-4	.	26	394	4	6	0	0	26	2019	Preston	W2	5
2057	BxN-RIL-347-4	.	26	394	4	6	0	0	26	2019	Preston	W3	8
2058	NxB-RIL-374-31	.	682	395	4	6	0	0	682	2019	Preston	STD	1
2059	NxB-RIL-374-31	.	682	395	4	6	0	0	682	2019	Preston	V1	2
2060	NxB-RIL-374-31	.	682	395	4	6	0	0	682	2019	Preston	V2	1
2061	NxB-RIL-374-31	.	682	395	4	6	0	0	682	2019	Preston	V3	1
2062	NxB-RIL-374-31	.	682	395	4	6	0	0	682	2019	Preston	W1	0
2063	NxB-RIL-374-31	.	682	395	4	6	0	0	682	2019	Preston	W2	2
2064	NxB-RIL-374-31	.	682	395	4	6	0	0	682	2019	Preston	W3	0
2065	BxN-RIL-352-15	.	134	396	4	6	0	0	134	2019	Preston	STD	3
2066	BxN-RIL-352-15	.	134	396	4	6	0	0	134	2019	Preston	V1	3
2067	BxN-RIL-352-15	.	134	396	4	6	0	0	134	2019	Preston	V2	3
2068	BxN-RIL-352-15	.	134	396	4	6	0	0	134	2019	Preston	V3	4
2069	BxN-RIL-352-15	.	134	396	4	6	0	0	134	2019	Preston	W1	1
2070	BxN-RIL-352-15	.	134	396	4	6	0	0	134	2019	Preston	W2	3
2071	BxN-RIL-352-15	.	134	396	4	6	0	0	134	2019	Preston	W3	6
2072	BxN-RIL-355-12	.	200	397	4	6	0	0	200	2019	Preston	STD	2
2073	BxN-RIL-355-12	.	200	397	4	6	0	0	200	2019	Preston	V1	3
2074	BxN-RIL-355-12	.	200	397	4	6	0	0	200	2019	Preston	V2	4
2075	BxN-RIL-355-12	.	200	397	4	6	0	0	200	2019	Preston	V3	5
2076	BxN-RIL-355-12	.	200	397	4	6	0	0	200	2019	Preston	W1	2
2077	BxN-RIL-355-12	.	200	397	4	6	0	0	200	2019	Preston	W2	5
2078	BxN-RIL-355-12	.	200	397	4	6	0	0	200	2019	Preston	W3	6
2079	NxB-RIL-364-19	.	434	398	4	7	0	0	434	2019	Preston	STD	3
2080	NxB-RIL-364-19	.	434	398	4	7	0	0	434	2019	Preston	V1	4
2081	NxB-RIL-364-19	.	434	398	4	7	0	0	434	2019	Preston	V2	3
2082	NxB-RIL-364-19	.	434	398	4	7	0	0	434	2019	Preston	V3	4
2083	NxB-RIL-364-19	.	434	398	4	7	0	0	434	2019	Preston	W1	3
2084	NxB-RIL-364-19	.	434	398	4	7	0	0	434	2019	Preston	W2	4
2085	NxB-RIL-364-19	.	434	398	4	7	0	0	434	2019	Preston	W3	5
2086	NxB-RIL-362-6	.	377	399	4	7	0	0	377	2019	Preston	STD	3
2087	NxB-RIL-362-6	.	377	399	4	7	0	0	377	2019	Preston	V1	4
2088	NxB-RIL-362-6	.	377	399	4	7	0	0	377	2019	Preston	V2	3
2089	NxB-RIL-362-6	.	377	399	4	7	0	0	377	2019	Preston	V3	3
2090	NxB-RIL-362-6	.	377	399	4	7	0	0	377	2019	Preston	W1	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2091	NxB-RIL-362-6	.	377	399	4	7	0	0	377	2019	Preston	W2	4
2092	NxB-RIL-362-6	.	377	399	4	7	0	0	377	2019	Preston	W3	6
2093	NxB-RIL-373-1	.	626	400	4	7	0	0	626	2019	Preston	STD	2
2094	NxB-RIL-373-1	.	626	400	4	7	0	0	626	2019	Preston	V1	2
2095	NxB-RIL-373-1	.	626	400	4	7	0	0	626	2019	Preston	V2	2
2096	NxB-RIL-373-1	.	626	400	4	7	0	0	626	2019	Preston	V3	3
2097	NxB-RIL-373-1	.	626	400	4	7	0	0	626	2019	Preston	W1	0
2098	NxB-RIL-373-1	.	626	400	4	7	0	0	626	2019	Preston	W2	3
2099	NxB-RIL-373-1	.	626	400	4	7	0	0	626	2019	Preston	W3	4
2100	NxB-RIL-366-2	.	467	401	4	7	0	0	467	2019	Preston	STD	1
2101	NxB-RIL-366-2	.	467	401	4	7	0	0	467	2019	Preston	V1	2
2102	NxB-RIL-366-2	.	467	401	4	7	0	0	467	2019	Preston	V2	2
2103	NxB-RIL-366-2	.	467	401	4	7	0	0	467	2019	Preston	V3	3
2104	NxB-RIL-366-2	.	467	401	4	7	0	0	467	2019	Preston	W1	1
2105	NxB-RIL-366-2	.	467	401	4	7	0	0	467	2019	Preston	W2	3
2106	NxB-RIL-366-2	.	467	401	4	7	0	0	467	2019	Preston	W3	3
2107	NorLin	4+7	715	402	4	7	1	0	715	2019	Preston	STD	2
2108	NorLin	4+7	715	402	4	7	1	0	715	2019	Preston	V1	2
2109	NorLin	4+7	715	402	4	7	1	0	715	2019	Preston	V2	2
2110	NorLin	4+7	715	402	4	7	1	0	715	2019	Preston	V3	3
2111	NorLin	4+7	715	402	4	7	1	0	715	2019	Preston	W1	1
2112	NorLin	4+7	715	402	4	7	1	0	715	2019	Preston	W2	3
2113	NorLin	4+7	715	402	4	7	1	0	715	2019	Preston	W3	5
2114	NxB-RIL-365-13	.	452	403	4	7	0	0	452	2019	Preston	STD	3
2115	NxB-RIL-365-13	.	452	403	4	7	0	0	452	2019	Preston	V1	2
2116	NxB-RIL-365-13	.	452	403	4	7	0	0	452	2019	Preston	V2	2
2117	NxB-RIL-365-13	.	452	403	4	7	0	0	452	2019	Preston	V3	4
2118	NxB-RIL-365-13	.	452	403	4	7	0	0	452	2019	Preston	W1	2
2119	NxB-RIL-365-13	.	452	403	4	7	0	0	452	2019	Preston	W2	3
2120	NxB-RIL-365-13	.	452	403	4	7	0	0	452	2019	Preston	W3	6
2121	NxB-RIL-374-6	.	661	404	4	7	0	0	661	2019	Preston	STD	3
2122	NxB-RIL-374-6	.	661	404	4	7	0	0	661	2019	Preston	V1	3
2123	NxB-RIL-374-6	.	661	404	4	7	0	0	661	2019	Preston	V2	3
2124	NxB-RIL-374-6	.	661	404	4	7	0	0	661	2019	Preston	V3	5
2125	NxB-RIL-374-6	.	661	404	4	7	0	0	661	2019	Preston	W1	2
2126	NxB-RIL-374-6	.	661	404	4	7	0	0	661	2019	Preston	W2	4
2127	NxB-RIL-374-6	.	661	404	4	7	0	0	661	2019	Preston	W3	7
2128	BxN-RIL-348-14	.	57	405	4	7	0	0	57	2019	Preston	STD	1



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2129	BxN-RIL-348-14	.	57	405	4	7	0	0	57	2019	Preston	V1	2
2130	BxN-RIL-348-14	.	57	405	4	7	0	0	57	2019	Preston	V2	2
2131	BxN-RIL-348-14	.	57	405	4	7	0	0	57	2019	Preston	V3	3
2132	BxN-RIL-348-14	.	57	405	4	7	0	0	57	2019	Preston	W1	0
2133	BxN-RIL-348-14	.	57	405	4	7	0	0	57	2019	Preston	W2	1
2134	BxN-RIL-348-14	.	57	405	4	7	0	0	57	2019	Preston	W3	4
2135	BxN-RIL-359-29	.	308	406	4	7	0	0	308	2019	Preston	STD	3
2136	BxN-RIL-359-29	.	308	406	4	7	0	0	308	2019	Preston	V1	3
2137	BxN-RIL-359-29	.	308	406	4	7	0	0	308	2019	Preston	V2	2
2138	BxN-RIL-359-29	.	308	406	4	7	0	0	308	2019	Preston	V3	4
2139	BxN-RIL-359-29	.	308	406	4	7	0	0	308	2019	Preston	W1	1
2140	BxN-RIL-359-29	.	308	406	4	7	0	0	308	2019	Preston	W2	5
2141	BxN-RIL-359-29	.	308	406	4	7	0	0	308	2019	Preston	W3	7
2142	NxB-RIL-369-19	.	550	407	4	8	0	0	550	2019	Preston	STD	1
2143	NxB-RIL-369-19	.	550	407	4	8	0	0	550	2019	Preston	V1	3
2144	NxB-RIL-369-19	.	550	407	4	8	0	0	550	2019	Preston	V2	3
2145	NxB-RIL-369-19	.	550	407	4	8	0	0	550	2019	Preston	V3	4
2146	NxB-RIL-369-19	.	550	407	4	8	0	0	550	2019	Preston	W1	1
2147	NxB-RIL-369-19	.	550	407	4	8	0	0	550	2019	Preston	W2	4
2148	NxB-RIL-369-19	.	550	407	4	8	0	0	550	2019	Preston	W3	7
2149	BxN-RIL-349-8	.	73	408	4	8	0	0	73	2019	Preston	STD	1
2150	BxN-RIL-349-8	.	73	408	4	8	0	0	73	2019	Preston	V1	1
2151	BxN-RIL-349-8	.	73	408	4	8	0	0	73	2019	Preston	V2	1
2152	BxN-RIL-349-8	.	73	408	4	8	0	0	73	2019	Preston	V3	1
2153	BxN-RIL-349-8	.	73	408	4	8	0	0	73	2019	Preston	W1	1
2154	BxN-RIL-349-8	.	73	408	4	8	0	0	73	2019	Preston	W2	1
2155	BxN-RIL-349-8	.	73	408	4	8	0	0	73	2019	Preston	W3	2
2156	NxB-RIL-375-12	.	694	409	4	8	0	0	694	2019	Preston	STD	3
2157	NxB-RIL-375-12	.	694	409	4	8	0	0	694	2019	Preston	V1	3
2158	NxB-RIL-375-12	.	694	409	4	8	0	0	694	2019	Preston	V2	1
2159	NxB-RIL-375-12	.	694	409	4	8	0	0	694	2019	Preston	V3	3
2160	NxB-RIL-375-12	.	694	409	4	8	0	0	694	2019	Preston	W1	2
2161	NxB-RIL-375-12	.	694	409	4	8	0	0	694	2019	Preston	W2	5
2162	NxB-RIL-375-12	.	694	409	4	8	0	0	694	2019	Preston	W3	4
2163	NxB-RIL-369-20	.	551	410	4	8	0	0	551	2019	Preston	STD	1
2164	NxB-RIL-369-20	.	551	410	4	8	0	0	551	2019	Preston	V1	1
2165	NxB-RIL-369-20	.	551	410	4	8	0	0	551	2019	Preston	V2	1
2166	NxB-RIL-369-20	.	551	410	4	8	0	0	551	2019	Preston	V3	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2167	NxB-RIL-369-20	.	551	410	4	8	0	0	551	2019	Preston	W1	1
2168	NxB-RIL-369-20	.	551	410	4	8	0	0	551	2019	Preston	W2	4
2169	NxB-RIL-369-20	.	551	410	4	8	0	0	551	2019	Preston	W3	2
2170	NorLin	4+8	715	411	4	8	1	0	715	2019	Preston	STD	2
2171	NorLin	4+8	715	411	4	8	1	0	715	2019	Preston	V1	2
2172	NorLin	4+8	715	411	4	8	1	0	715	2019	Preston	V2	2
2173	NorLin	4+8	715	411	4	8	1	0	715	2019	Preston	V3	2
2174	NorLin	4+8	715	411	4	8	1	0	715	2019	Preston	W1	1
2175	NorLin	4+8	715	411	4	8	1	0	715	2019	Preston	W2	1
2176	NorLin	4+8	715	411	4	8	1	0	715	2019	Preston	W3	1
2177	BxN-RIL-359-21	.	300	412	4	8	0	0	300	2019	Preston	STD	2
2178	BxN-RIL-359-21	.	300	412	4	8	0	0	300	2019	Preston	V1	3
2179	BxN-RIL-359-21	.	300	412	4	8	0	0	300	2019	Preston	V2	2
2180	BxN-RIL-359-21	.	300	412	4	8	0	0	300	2019	Preston	V3	3
2181	BxN-RIL-359-21	.	300	412	4	8	0	0	300	2019	Preston	W1	2
2182	BxN-RIL-359-21	.	300	412	4	8	0	0	300	2019	Preston	W2	4
2183	BxN-RIL-359-21	.	300	412	4	8	0	0	300	2019	Preston	W3	3
2184	BxN-RIL-353-19	.	164	413	4	8	0	0	164	2019	Preston	STD	1
2185	BxN-RIL-353-19	.	164	413	4	8	0	0	164	2019	Preston	V1	3
2186	BxN-RIL-353-19	.	164	413	4	8	0	0	164	2019	Preston	V2	3
2187	BxN-RIL-353-19	.	164	413	4	8	0	0	164	2019	Preston	V3	4
2188	BxN-RIL-353-19	.	164	413	4	8	0	0	164	2019	Preston	W1	1
2189	BxN-RIL-353-19	.	164	413	4	8	0	0	164	2019	Preston	W2	2
2190	BxN-RIL-353-19	.	164	413	4	8	0	0	164	2019	Preston	W3	5
2191	NxB-RIL-364-5	.	421	414	4	8	0	0	421	2019	Preston	STD	1
2192	NxB-RIL-364-5	.	421	414	4	8	0	0	421	2019	Preston	V1	3
2193	NxB-RIL-364-5	.	421	414	4	8	0	0	421	2019	Preston	V2	3
2194	NxB-RIL-364-5	.	421	414	4	8	0	0	421	2019	Preston	V3	4
2195	NxB-RIL-364-5	.	421	414	4	8	0	0	421	2019	Preston	W1	2
2196	NxB-RIL-364-5	.	421	414	4	8	0	0	421	2019	Preston	W2	5
2197	NxB-RIL-364-5	.	421	414	4	8	0	0	421	2019	Preston	W3	6
2198	BxN-RIL-357-31	.	256	415	4	8	0	0	256	2019	Preston	STD	3
2199	BxN-RIL-357-31	.	256	415	4	8	0	0	256	2019	Preston	V1	3
2200	BxN-RIL-357-31	.	256	415	4	8	0	0	256	2019	Preston	V2	3
2201	BxN-RIL-357-31	.	256	415	4	8	0	0	256	2019	Preston	V3	4
2202	BxN-RIL-357-31	.	256	415	4	8	0	0	256	2019	Preston	W1	1
2203	BxN-RIL-357-31	.	256	415	4	8	0	0	256	2019	Preston	W2	4
2204	BxN-RIL-357-31	.	256	415	4	8	0	0	256	2019	Preston	W3	6

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2205	NxB-RIL-363-26	.	416	416	4	9	0	0	416	2019	Preston	STD	1
2206	NxB-RIL-363-26	.	416	416	4	9	0	0	416	2019	Preston	V1	3
2207	NxB-RIL-363-26	.	416	416	4	9	0	0	416	2019	Preston	V2	3
2208	NxB-RIL-363-26	.	416	416	4	9	0	0	416	2019	Preston	V3	4
2209	NxB-RIL-363-26	.	416	416	4	9	0	0	416	2019	Preston	W1	2
2210	NxB-RIL-363-26	.	416	416	4	9	0	0	416	2019	Preston	W2	5
2211	NxB-RIL-363-26	.	416	416	4	9	0	0	416	2019	Preston	W3	6
2212	BxN-RIL-354-14	.	179	417	4	9	0	0	179	2019	Preston	STD	2
2213	BxN-RIL-354-14	.	179	417	4	9	0	0	179	2019	Preston	V1	2
2214	BxN-RIL-354-14	.	179	417	4	9	0	0	179	2019	Preston	V2	1
2215	BxN-RIL-354-14	.	179	417	4	9	0	0	179	2019	Preston	V3	2
2216	BxN-RIL-354-14	.	179	417	4	9	0	0	179	2019	Preston	W1	1
2217	BxN-RIL-354-14	.	179	417	4	9	0	0	179	2019	Preston	W2	3
2218	BxN-RIL-354-14	.	179	417	4	9	0	0	179	2019	Preston	W3	4
2219	BxN-RIL-349-9	.	74	418	4	9	0	0	74	2019	Preston	STD	2
2220	BxN-RIL-349-9	.	74	418	4	9	0	0	74	2019	Preston	V1	3
2221	BxN-RIL-349-9	.	74	418	4	9	0	0	74	2019	Preston	V2	1
2222	BxN-RIL-349-9	.	74	418	4	9	0	0	74	2019	Preston	V3	3
2223	BxN-RIL-349-9	.	74	418	4	9	0	0	74	2019	Preston	W1	3
2224	BxN-RIL-349-9	.	74	418	4	9	0	0	74	2019	Preston	W2	4
2225	BxN-RIL-349-9	.	74	418	4	9	0	0	74	2019	Preston	W3	5
2226	NxB-RIL-364-8	.	424	419	4	9	0	0	424	2019	Preston	STD	3
2227	NxB-RIL-364-8	.	424	419	4	9	0	0	424	2019	Preston	V1	3
2228	NxB-RIL-364-8	.	424	419	4	9	0	0	424	2019	Preston	V2	4
2229	NxB-RIL-364-8	.	424	419	4	9	0	0	424	2019	Preston	V3	5
2230	NxB-RIL-364-8	.	424	419	4	9	0	0	424	2019	Preston	W1	2
2231	NxB-RIL-364-8	.	424	419	4	9	0	0	424	2019	Preston	W2	5
2232	NxB-RIL-364-8	.	424	419	4	9	0	0	424	2019	Preston	W3	7
2233	NorLin	4+9	715	420	4	9	1	0	715	2019	Preston	STD	2
2234	NorLin	4+9	715	420	4	9	1	0	715	2019	Preston	V1	2
2235	NorLin	4+9	715	420	4	9	1	0	715	2019	Preston	V2	1
2236	NorLin	4+9	715	420	4	9	1	0	715	2019	Preston	V3	3
2237	NorLin	4+9	715	420	4	9	1	0	715	2019	Preston	W1	1
2238	NorLin	4+9	715	420	4	9	1	0	715	2019	Preston	W2	4
2239	NorLin	4+9	715	420	4	9	1	0	715	2019	Preston	W3	3
2240	NxB-RIL-369-25	.	555	421	4	9	0	0	555	2019	Preston	STD	3
2241	NxB-RIL-369-25	.	555	421	4	9	0	0	555	2019	Preston	V1	2
2242	NxB-RIL-369-25	.	555	421	4	9	0	0	555	2019	Preston	V2	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2243	NxB-RIL-369-25	.	555	421	4	9	0	0	555	2019	Preston	V3	2
2244	NxB-RIL-369-25	.	555	421	4	9	0	0	555	2019	Preston	W1	1
2245	NxB-RIL-369-25	.	555	421	4	9	0	0	555	2019	Preston	W2	4
2246	NxB-RIL-369-25	.	555	421	4	9	0	0	555	2019	Preston	W3	3
2247	BxN-RIL-350-16	.	101	422	4	9	0	0	101	2019	Preston	STD	1
2248	BxN-RIL-350-16	.	101	422	4	9	0	0	101	2019	Preston	V1	3
2249	BxN-RIL-350-16	.	101	422	4	9	0	0	101	2019	Preston	V2	3
2250	BxN-RIL-350-16	.	101	422	4	9	0	0	101	2019	Preston	V3	5
2251	BxN-RIL-350-16	.	101	422	4	9	0	0	101	2019	Preston	W1	2
2252	BxN-RIL-350-16	.	101	422	4	9	0	0	101	2019	Preston	W2	4
2253	BxN-RIL-350-16	.	101	422	4	9	0	0	101	2019	Preston	W3	6
2254	NxB-RIL-370-11	.	568	423	4	9	0	0	568	2019	Preston	STD	1
2255	NxB-RIL-370-11	.	568	423	4	9	0	0	568	2019	Preston	V1	3
2256	NxB-RIL-370-11	.	568	423	4	9	0	0	568	2019	Preston	V2	2
2257	NxB-RIL-370-11	.	568	423	4	9	0	0	568	2019	Preston	V3	4
2258	NxB-RIL-370-11	.	568	423	4	9	0	0	568	2019	Preston	W1	2
2259	NxB-RIL-370-11	.	568	423	4	9	0	0	568	2019	Preston	W2	4
2260	NxB-RIL-370-11	.	568	423	4	9	0	0	568	2019	Preston	W3	6
2261	BxN-RIL-346-27	.	22	424	4	9	0	0	22	2019	Preston	STD	1
2262	BxN-RIL-346-27	.	22	424	4	9	0	0	22	2019	Preston	V1	3
2263	BxN-RIL-346-27	.	22	424	4	9	0	0	22	2019	Preston	V2	2
2264	BxN-RIL-346-27	.	22	424	4	9	0	0	22	2019	Preston	V3	3
2265	BxN-RIL-346-27	.	22	424	4	9	0	0	22	2019	Preston	W1	1
2266	BxN-RIL-346-27	.	22	424	4	9	0	0	22	2019	Preston	W2	3
2267	BxN-RIL-346-27	.	22	424	4	9	0	0	22	2019	Preston	W3	6
2268	NxB-RIL-372-23	.	618	425	5	1	0	0	618	2019	Preston	STD	3
2269	NxB-RIL-372-23	.	618	425	5	1	0	0	618	2019	Preston	V1	3
2270	NxB-RIL-372-23	.	618	425	5	1	0	0	618	2019	Preston	V2	3
2271	NxB-RIL-372-23	.	618	425	5	1	0	0	618	2019	Preston	V3	5
2272	NxB-RIL-372-23	.	618	425	5	1	0	0	618	2019	Preston	W1	3
2273	NxB-RIL-372-23	.	618	425	5	1	0	0	618	2019	Preston	W2	8
2274	NxB-RIL-372-23	.	618	425	5	1	0	0	618	2019	Preston	W3	9
2275	NxB-RIL-375-4	.	686	426	5	1	0	0	686	2019	Preston	STD	2
2276	NxB-RIL-375-4	.	686	426	5	1	0	0	686	2019	Preston	V1	2
2277	NxB-RIL-375-4	.	686	426	5	1	0	0	686	2019	Preston	V2	1
2278	NxB-RIL-375-4	.	686	426	5	1	0	0	686	2019	Preston	V3	1
2279	NxB-RIL-375-4	.	686	426	5	1	0	0	686	2019	Preston	W1	2
2280	NxB-RIL-375-4	.	686	426	5	1	0	0	686	2019	Preston	W2	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2281	NxB-RIL-375-4	.	686	426	5	1	0	0	686	2019	Preston	W3	0
2282	NxB-RIL-361-32	.	370	427	5	1	0	0	370	2019	Preston	STD	3
2283	NxB-RIL-361-32	.	370	427	5	1	0	0	370	2019	Preston	V1	2
2284	NxB-RIL-361-32	.	370	427	5	1	0	0	370	2019	Preston	V2	2
2285	NxB-RIL-361-32	.	370	427	5	1	0	0	370	2019	Preston	V3	5
2286	NxB-RIL-361-32	.	370	427	5	1	0	0	370	2019	Preston	W1	2
2287	NxB-RIL-361-32	.	370	427	5	1	0	0	370	2019	Preston	W2	6
2288	NxB-RIL-361-32	.	370	427	5	1	0	0	370	2019	Preston	W3	8
2289	NxB-RIL-363-2	.	399	428	5	1	0	0	399	2019	Preston	STD	3
2290	NxB-RIL-363-2	.	399	428	5	1	0	0	399	2019	Preston	V1	3
2291	NxB-RIL-363-2	.	399	428	5	1	0	0	399	2019	Preston	V2	3
2292	NxB-RIL-363-2	.	399	428	5	1	0	0	399	2019	Preston	V3	5
2293	NxB-RIL-363-2	.	399	428	5	1	0	0	399	2019	Preston	W1	2
2294	NxB-RIL-363-2	.	399	428	5	1	0	0	399	2019	Preston	W2	8
2295	NxB-RIL-363-2	.	399	428	5	1	0	0	399	2019	Preston	W3	9
2296	NorLin	5+1	715	429	5	1	1	0	715	2019	Preston	STD	3
2297	NorLin	5+1	715	429	5	1	1	0	715	2019	Preston	V1	2
2298	NorLin	5+1	715	429	5	1	1	0	715	2019	Preston	V2	1
2299	NorLin	5+1	715	429	5	1	1	0	715	2019	Preston	V3	2
2300	NorLin	5+1	715	429	5	1	1	0	715	2019	Preston	W1	1
2301	NorLin	5+1	715	429	5	1	1	0	715	2019	Preston	W2	1
2302	NorLin	5+1	715	429	5	1	1	0	715	2019	Preston	W3	0
2303	NxB-RIL-375-7	.	689	430	5	1	0	0	689	2019	Preston	STD	3
2304	NxB-RIL-375-7	.	689	430	5	1	0	0	689	2019	Preston	V1	2
2305	NxB-RIL-375-7	.	689	430	5	1	0	0	689	2019	Preston	V2	2
2306	NxB-RIL-375-7	.	689	430	5	1	0	0	689	2019	Preston	V3	3
2307	NxB-RIL-375-7	.	689	430	5	1	0	0	689	2019	Preston	W1	3
2308	NxB-RIL-375-7	.	689	430	5	1	0	0	689	2019	Preston	W2	4
2309	NxB-RIL-375-7	.	689	430	5	1	0	0	689	2019	Preston	W3	6
2310	NxB-RIL-374-12	.	664	431	5	1	0	0	664	2019	Preston	STD	3
2311	NxB-RIL-374-12	.	664	431	5	1	0	0	664	2019	Preston	V1	3
2312	NxB-RIL-374-12	.	664	431	5	1	0	0	664	2019	Preston	V2	2
2313	NxB-RIL-374-12	.	664	431	5	1	0	0	664	2019	Preston	V3	3
2314	NxB-RIL-374-12	.	664	431	5	1	0	0	664	2019	Preston	W1	2
2315	NxB-RIL-374-12	.	664	431	5	1	0	0	664	2019	Preston	W2	4
2316	NxB-RIL-374-12	.	664	431	5	1	0	0	664	2019	Preston	W3	6
2317	BxN-RIL-357-16	.	244	432	5	1	0	0	244	2019	Preston	STD	3
2318	BxN-RIL-357-16	.	244	432	5	1	0	0	244	2019	Preston	V1	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2319	BxN-RIL-357-16	.	244	432	5	1	0	0	244	2019	Preston	V2	2
2320	BxN-RIL-357-16	.	244	432	5	1	0	0	244	2019	Preston	V3	1
2321	BxN-RIL-357-16	.	244	432	5	1	0	0	244	2019	Preston	W1	1
2322	BxN-RIL-357-16	.	244	432	5	1	0	0	244	2019	Preston	W2	3
2323	BxN-RIL-357-16	.	244	432	5	1	0	0	244	2019	Preston	W3	0
2324	NxB-RIL-361-9	.	348	433	5	1	0	0	348	2019	Preston	STD	3
2325	NxB-RIL-361-9	.	348	433	5	1	0	0	348	2019	Preston	V1	1
2326	NxB-RIL-361-9	.	348	433	5	1	0	0	348	2019	Preston	V2	2
2327	NxB-RIL-361-9	.	348	433	5	1	0	0	348	2019	Preston	V3	4
2328	NxB-RIL-361-9	.	348	433	5	1	0	0	348	2019	Preston	W1	2
2329	NxB-RIL-361-9	.	348	433	5	1	0	0	348	2019	Preston	W2	6
2330	NxB-RIL-361-9	.	348	433	5	1	0	0	348	2019	Preston	W3	7
2331	BxN-RIL-354-11	.	177	434	5	2	0	0	177	2019	Preston	STD	2
2332	BxN-RIL-354-11	.	177	434	5	2	0	0	177	2019	Preston	V1	3
2333	BxN-RIL-354-11	.	177	434	5	2	0	0	177	2019	Preston	V2	3
2334	BxN-RIL-354-11	.	177	434	5	2	0	0	177	2019	Preston	V3	4
2335	BxN-RIL-354-11	.	177	434	5	2	0	0	177	2019	Preston	W1	1
2336	BxN-RIL-354-11	.	177	434	5	2	0	0	177	2019	Preston	W2	3
2337	BxN-RIL-354-11	.	177	434	5	2	0	0	177	2019	Preston	W3	4
2338	NxB-RIL-363-14	.	407	435	5	2	0	0	407	2019	Preston	STD	1
2339	NxB-RIL-363-14	.	407	435	5	2	0	0	407	2019	Preston	V1	2
2340	NxB-RIL-363-14	.	407	435	5	2	0	0	407	2019	Preston	V2	1
2341	NxB-RIL-363-14	.	407	435	5	2	0	0	407	2019	Preston	V3	1
2342	NxB-RIL-363-14	.	407	435	5	2	0	0	407	2019	Preston	W1	1
2343	NxB-RIL-363-14	.	407	435	5	2	0	0	407	2019	Preston	W2	4
2344	NxB-RIL-363-14	.	407	435	5	2	0	0	407	2019	Preston	W3	0
2345	BxN-RIL-359-18	.	298	436	5	2	0	0	298	2019	Preston	STD	1
2346	BxN-RIL-359-18	.	298	436	5	2	0	0	298	2019	Preston	V1	1
2347	BxN-RIL-359-18	.	298	436	5	2	0	0	298	2019	Preston	V2	1
2348	BxN-RIL-359-18	.	298	436	5	2	0	0	298	2019	Preston	V3	1
2349	BxN-RIL-359-18	.	298	436	5	2	0	0	298	2019	Preston	W1	1
2350	BxN-RIL-359-18	.	298	436	5	2	0	0	298	2019	Preston	W2	5
2351	BxN-RIL-359-18	.	298	436	5	2	0	0	298	2019	Preston	W3	2
2352	BxN-RIL-352-13	.	132	437	5	2	0	0	132	2019	Preston	STD	1
2353	BxN-RIL-352-13	.	132	437	5	2	0	0	132	2019	Preston	V1	2
2354	BxN-RIL-352-13	.	132	437	5	2	0	0	132	2019	Preston	V2	1
2355	BxN-RIL-352-13	.	132	437	5	2	0	0	132	2019	Preston	V3	2
2356	BxN-RIL-352-13	.	132	437	5	2	0	0	132	2019	Preston	W1	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2357	BxN-RIL-352-13	.	132	437	5	2	0	0	132	2019	Preston	W2	4
2358	BxN-RIL-352-13	.	132	437	5	2	0	0	132	2019	Preston	W3	1
2359	NorLin	5+2	715	438	5	2	1	0	715	2019	Preston	STD	3
2360	NorLin	5+2	715	438	5	2	1	0	715	2019	Preston	V1	3
2361	NorLin	5+2	715	438	5	2	1	0	715	2019	Preston	V2	4
2362	NorLin	5+2	715	438	5	2	1	0	715	2019	Preston	V3	3
2363	NorLin	5+2	715	438	5	2	1	0	715	2019	Preston	W1	1
2364	NorLin	5+2	715	438	5	2	1	0	715	2019	Preston	W2	2
2365	NorLin	5+2	715	438	5	2	1	0	715	2019	Preston	W3	2
2366	NxB-RIL-372-15	.	612	439	5	2	0	0	612	2019	Preston	STD	3
2367	NxB-RIL-372-15	.	612	439	5	2	0	0	612	2019	Preston	V1	3
2368	NxB-RIL-372-15	.	612	439	5	2	0	0	612	2019	Preston	V2	3
2369	NxB-RIL-372-15	.	612	439	5	2	0	0	612	2019	Preston	V3	3
2370	NxB-RIL-372-15	.	612	439	5	2	0	0	612	2019	Preston	W1	1
2371	NxB-RIL-372-15	.	612	439	5	2	0	0	612	2019	Preston	W2	2
2372	NxB-RIL-372-15	.	612	439	5	2	0	0	612	2019	Preston	W3	3
2373	BxN-RIL-356-3	.	214	440	5	2	0	0	214	2019	Preston	STD	2
2374	BxN-RIL-356-3	.	214	440	5	2	0	0	214	2019	Preston	V1	3
2375	BxN-RIL-356-3	.	214	440	5	2	0	0	214	2019	Preston	V2	3
2376	BxN-RIL-356-3	.	214	440	5	2	0	0	214	2019	Preston	V3	3
2377	BxN-RIL-356-3	.	214	440	5	2	0	0	214	2019	Preston	W1	2
2378	BxN-RIL-356-3	.	214	440	5	2	0	0	214	2019	Preston	W2	5
2379	BxN-RIL-356-3	.	214	440	5	2	0	0	214	2019	Preston	W3	7
2380	BxN-RIL-351-19	.	120	441	5	2	0	0	120	2019	Preston	STD	2
2381	BxN-RIL-351-19	.	120	441	5	2	0	0	120	2019	Preston	V1	3
2382	BxN-RIL-351-19	.	120	441	5	2	0	0	120	2019	Preston	V2	3
2383	BxN-RIL-351-19	.	120	441	5	2	0	0	120	2019	Preston	V3	4
2384	BxN-RIL-351-19	.	120	441	5	2	0	0	120	2019	Preston	W1	2
2385	BxN-RIL-351-19	.	120	441	5	2	0	0	120	2019	Preston	W2	6
2386	BxN-RIL-351-19	.	120	441	5	2	0	0	120	2019	Preston	W3	7
2387	NxB-RIL-364-9	.	425	442	5	2	0	0	425	2019	Preston	STD	4
2388	NxB-RIL-364-9	.	425	442	5	2	0	0	425	2019	Preston	V1	3
2389	NxB-RIL-364-9	.	425	442	5	2	0	0	425	2019	Preston	V2	3
2390	NxB-RIL-364-9	.	425	442	5	2	0	0	425	2019	Preston	V3	4
2391	NxB-RIL-364-9	.	425	442	5	2	0	0	425	2019	Preston	W1	1
2392	NxB-RIL-364-9	.	425	442	5	2	0	0	425	2019	Preston	W2	6
2393	NxB-RIL-364-9	.	425	442	5	2	0	0	425	2019	Preston	W3	8
2394	BxN-RIL-358-21	.	271	443	5	3	0	0	271	2019	Preston	STD	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2395	BxN-RIL-358-21	.	271	443	5	3	0	0	271	2019	Preston	V1	3
2396	BxN-RIL-358-21	.	271	443	5	3	0	0	271	2019	Preston	V2	3
2397	BxN-RIL-358-21	.	271	443	5	3	0	0	271	2019	Preston	V3	5
2398	BxN-RIL-358-21	.	271	443	5	3	0	0	271	2019	Preston	W1	3
2399	BxN-RIL-358-21	.	271	443	5	3	0	0	271	2019	Preston	W2	8
2400	BxN-RIL-358-21	.	271	443	5	3	0	0	271	2019	Preston	W3	8
2401	BxN-RIL-360-26	.	334	444	5	3	0	0	334	2019	Preston	STD	3
2402	BxN-RIL-360-26	.	334	444	5	3	0	0	334	2019	Preston	V1	4
2403	BxN-RIL-360-26	.	334	444	5	3	0	0	334	2019	Preston	V2	3
2404	BxN-RIL-360-26	.	334	444	5	3	0	0	334	2019	Preston	V3	5
2405	BxN-RIL-360-26	.	334	444	5	3	0	0	334	2019	Preston	W1	3
2406	BxN-RIL-360-26	.	334	444	5	3	0	0	334	2019	Preston	W2	8
2407	BxN-RIL-360-26	.	334	444	5	3	0	0	334	2019	Preston	W3	9
2408	NxB-RIL-361-15	.	354	445	5	3	0	0	354	2019	Preston	STD	2
2409	NxB-RIL-361-15	.	354	445	5	3	0	0	354	2019	Preston	V1	3
2410	NxB-RIL-361-15	.	354	445	5	3	0	0	354	2019	Preston	V2	2
2411	NxB-RIL-361-15	.	354	445	5	3	0	0	354	2019	Preston	V3	3
2412	NxB-RIL-361-15	.	354	445	5	3	0	0	354	2019	Preston	W1	2
2413	NxB-RIL-361-15	.	354	445	5	3	0	0	354	2019	Preston	W2	3
2414	NxB-RIL-361-15	.	354	445	5	3	0	0	354	2019	Preston	W3	3
2415	NxB-RIL-373-26	.	651	446	5	3	0	0	651	2019	Preston	STD	2
2416	NxB-RIL-373-26	.	651	446	5	3	0	0	651	2019	Preston	V1	3
2417	NxB-RIL-373-26	.	651	446	5	3	0	0	651	2019	Preston	V2	3
2418	NxB-RIL-373-26	.	651	446	5	3	0	0	651	2019	Preston	V3	2
2419	NxB-RIL-373-26	.	651	446	5	3	0	0	651	2019	Preston	W1	1
2420	NxB-RIL-373-26	.	651	446	5	3	0	0	651	2019	Preston	W2	2
2421	NxB-RIL-373-26	.	651	446	5	3	0	0	651	2019	Preston	W3	3
2422	NorLin	5+3	715	447	5	3	1	0	715	2019	Preston	STD	2
2423	NorLin	5+3	715	447	5	3	1	0	715	2019	Preston	V1	3
2424	NorLin	5+3	715	447	5	3	1	0	715	2019	Preston	V2	3
2425	NorLin	5+3	715	447	5	3	1	0	715	2019	Preston	V3	3
2426	NorLin	5+3	715	447	5	3	1	0	715	2019	Preston	W1	1
2427	NorLin	5+3	715	447	5	3	1	0	715	2019	Preston	W2	2
2428	NorLin	5+3	715	447	5	3	1	0	715	2019	Preston	W3	4
2429	NxB-RIL-372-29	.	623	448	5	3	0	0	623	2019	Preston	STD	3
2430	NxB-RIL-372-29	.	623	448	5	3	0	0	623	2019	Preston	V1	2
2431	NxB-RIL-372-29	.	623	448	5	3	0	0	623	2019	Preston	V2	3
2432	NxB-RIL-372-29	.	623	448	5	3	0	0	623	2019	Preston	V3	4



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2433	NxB-RIL-372-29	.	623	448	5	3	0	0	623	2019	Preston	W1	3
2434	NxB-RIL-372-29	.	623	448	5	3	0	0	623	2019	Preston	W2	6
2435	NxB-RIL-372-29	.	623	448	5	3	0	0	623	2019	Preston	W3	6
2436	BxN-RIL-359-5	.	285	449	5	3	0	0	285	2019	Preston	STD	3
2437	BxN-RIL-359-5	.	285	449	5	3	0	0	285	2019	Preston	V1	3
2438	BxN-RIL-359-5	.	285	449	5	3	0	0	285	2019	Preston	V2	3
2439	BxN-RIL-359-5	.	285	449	5	3	0	0	285	2019	Preston	V3	3
2440	BxN-RIL-359-5	.	285	449	5	3	0	0	285	2019	Preston	W1	2
2441	BxN-RIL-359-5	.	285	449	5	3	0	0	285	2019	Preston	W2	5
2442	BxN-RIL-359-5	.	285	449	5	3	0	0	285	2019	Preston	W3	6
2443	NxB-RIL-367-22	.	507	450	5	3	0	0	507	2019	Preston	STD	2
2444	NxB-RIL-367-22	.	507	450	5	3	0	0	507	2019	Preston	V1	2
2445	NxB-RIL-367-22	.	507	450	5	3	0	0	507	2019	Preston	V2	2
2446	NxB-RIL-367-22	.	507	450	5	3	0	0	507	2019	Preston	V3	1
2447	NxB-RIL-367-22	.	507	450	5	3	0	0	507	2019	Preston	W1	2
2448	NxB-RIL-367-22	.	507	450	5	3	0	0	507	2019	Preston	W2	2
2449	NxB-RIL-367-22	.	507	450	5	3	0	0	507	2019	Preston	W3	1
2450	BxN-RIL-352-20	.	139	451	5	3	0	0	139	2019	Preston	STD	3
2451	BxN-RIL-352-20	.	139	451	5	3	0	0	139	2019	Preston	V1	3
2452	BxN-RIL-352-20	.	139	451	5	3	0	0	139	2019	Preston	V2	3
2453	BxN-RIL-352-20	.	139	451	5	3	0	0	139	2019	Preston	V3	5
2454	BxN-RIL-352-20	.	139	451	5	3	0	0	139	2019	Preston	W1	3
2455	BxN-RIL-352-20	.	139	451	5	3	0	0	139	2019	Preston	W2	7
2456	BxN-RIL-352-20	.	139	451	5	3	0	0	139	2019	Preston	W3	9
2457	NxB-RIL-364-11	.	427	452	5	4	0	0	427	2019	Preston	STD	3
2458	NxB-RIL-364-11	.	427	452	5	4	0	0	427	2019	Preston	V1	3
2459	NxB-RIL-364-11	.	427	452	5	4	0	0	427	2019	Preston	V2	3
2460	NxB-RIL-364-11	.	427	452	5	4	0	0	427	2019	Preston	V3	5
2461	NxB-RIL-364-11	.	427	452	5	4	0	0	427	2019	Preston	W1	2
2462	NxB-RIL-364-11	.	427	452	5	4	0	0	427	2019	Preston	W2	7
2463	NxB-RIL-364-11	.	427	452	5	4	0	0	427	2019	Preston	W3	8
2464	NxB-RIL-368-29	.	534	453	5	4	0	0	534	2019	Preston	STD	2
2465	NxB-RIL-368-29	.	534	453	5	4	0	0	534	2019	Preston	V1	3
2466	NxB-RIL-368-29	.	534	453	5	4	0	0	534	2019	Preston	V2	2
2467	NxB-RIL-368-29	.	534	453	5	4	0	0	534	2019	Preston	V3	3
2468	NxB-RIL-368-29	.	534	453	5	4	0	0	534	2019	Preston	W1	1
2469	NxB-RIL-368-29	.	534	453	5	4	0	0	534	2019	Preston	W2	4
2470	NxB-RIL-368-29	.	534	453	5	4	0	0	534	2019	Preston	W3	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2471	BxN-RIL-346-2	.	2	454	5	4	0	0	2	2019	Preston	STD	2
2472	BxN-RIL-346-2	.	2	454	5	4	0	0	2	2019	Preston	V1	2
2473	BxN-RIL-346-2	.	2	454	5	4	0	0	2	2019	Preston	V2	2
2474	BxN-RIL-346-2	.	2	454	5	4	0	0	2	2019	Preston	V3	3
2475	BxN-RIL-346-2	.	2	454	5	4	0	0	2	2019	Preston	W1	1
2476	BxN-RIL-346-2	.	2	454	5	4	0	0	2	2019	Preston	W2	4
2477	BxN-RIL-346-2	.	2	454	5	4	0	0	2	2019	Preston	W3	3
2478	BxN-RIL-358-11	.	264	455	5	4	0	0	264	2019	Preston	STD	2
2479	BxN-RIL-358-11	.	264	455	5	4	0	0	264	2019	Preston	V1	2
2480	BxN-RIL-358-11	.	264	455	5	4	0	0	264	2019	Preston	V2	2
2481	BxN-RIL-358-11	.	264	455	5	4	0	0	264	2019	Preston	V3	3
2482	BxN-RIL-358-11	.	264	455	5	4	0	0	264	2019	Preston	W1	2
2483	BxN-RIL-358-11	.	264	455	5	4	0	0	264	2019	Preston	W2	5
2484	BxN-RIL-358-11	.	264	455	5	4	0	0	264	2019	Preston	W3	2
2485	NorLin	5+4	715	456	5	4	1	0	715	2019	Preston	STD	2
2486	NorLin	5+4	715	456	5	4	1	0	715	2019	Preston	V1	3
2487	NorLin	5+4	715	456	5	4	1	0	715	2019	Preston	V2	2
2488	NorLin	5+4	715	456	5	4	1	0	715	2019	Preston	V3	2
2489	NorLin	5+4	715	456	5	4	1	0	715	2019	Preston	W1	1
2490	NorLin	5+4	715	456	5	4	1	0	715	2019	Preston	W2	4
2491	NorLin	5+4	715	456	5	4	1	0	715	2019	Preston	W3	2
2492	NxB-RIL-372-7	.	605	457	5	4	0	0	605	2019	Preston	STD	2
2493	NxB-RIL-372-7	.	605	457	5	4	0	0	605	2019	Preston	V1	2
2494	NxB-RIL-372-7	.	605	457	5	4	0	0	605	2019	Preston	V2	1
2495	NxB-RIL-372-7	.	605	457	5	4	0	0	605	2019	Preston	V3	1
2496	NxB-RIL-372-7	.	605	457	5	4	0	0	605	2019	Preston	W1	1
2497	NxB-RIL-372-7	.	605	457	5	4	0	0	605	2019	Preston	W2	4
2498	NxB-RIL-372-7	.	605	457	5	4	0	0	605	2019	Preston	W3	1
2499	BxN-RIL-348-19	.	62	458	5	4	0	0	62	2019	Preston	STD	1
2500	BxN-RIL-348-19	.	62	458	5	4	0	0	62	2019	Preston	V1	2
2501	BxN-RIL-348-19	.	62	458	5	4	0	0	62	2019	Preston	V2	1
2502	BxN-RIL-348-19	.	62	458	5	4	0	0	62	2019	Preston	V3	1
2503	BxN-RIL-348-19	.	62	458	5	4	0	0	62	2019	Preston	W1	1
2504	BxN-RIL-348-19	.	62	458	5	4	0	0	62	2019	Preston	W2	5
2505	BxN-RIL-348-19	.	62	458	5	4	0	0	62	2019	Preston	W3	4
2506	NxB-RIL-373-25	.	650	459	5	4	0	0	650	2019	Preston	STD	1
2507	NxB-RIL-373-25	.	650	459	5	4	0	0	650	2019	Preston	V1	2
2508	NxB-RIL-373-25	.	650	459	5	4	0	0	650	2019	Preston	V2	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2509	NxB-RIL-373-25	.	650	459	5	4	0	0	650	2019	Preston	V3	1
2510	NxB-RIL-373-25	.	650	459	5	4	0	0	650	2019	Preston	W1	1
2511	NxB-RIL-373-25	.	650	459	5	4	0	0	650	2019	Preston	W2	4
2512	NxB-RIL-373-25	.	650	459	5	4	0	0	650	2019	Preston	W3	2
2513	BxN-RIL-360-1	.	311	460	5	4	0	0	311	2019	Preston	STD	1
2514	BxN-RIL-360-1	.	311	460	5	4	0	0	311	2019	Preston	V1	1
2515	BxN-RIL-360-1	.	311	460	5	4	0	0	311	2019	Preston	V2	2
2516	BxN-RIL-360-1	.	311	460	5	4	0	0	311	2019	Preston	V3	2
2517	BxN-RIL-360-1	.	311	460	5	4	0	0	311	2019	Preston	W1	1
2518	BxN-RIL-360-1	.	311	460	5	4	0	0	311	2019	Preston	W2	4
2519	BxN-RIL-360-1	.	311	460	5	4	0	0	311	2019	Preston	W3	0
2520	NxB-RIL-373-13	.	638	461	5	5	0	0	638	2019	Preston	STD	2
2521	NxB-RIL-373-13	.	638	461	5	5	0	0	638	2019	Preston	V1	3
2522	NxB-RIL-373-13	.	638	461	5	5	0	0	638	2019	Preston	V2	3
2523	NxB-RIL-373-13	.	638	461	5	5	0	0	638	2019	Preston	V3	3
2524	NxB-RIL-373-13	.	638	461	5	5	0	0	638	2019	Preston	W1	2
2525	NxB-RIL-373-13	.	638	461	5	5	0	0	638	2019	Preston	W2	4
2526	NxB-RIL-373-13	.	638	461	5	5	0	0	638	2019	Preston	W3	5
2527	BxN-RIL-360-16	.	324	462	5	5	0	0	324	2019	Preston	STD	3
2528	BxN-RIL-360-16	.	324	462	5	5	0	0	324	2019	Preston	V1	3
2529	BxN-RIL-360-16	.	324	462	5	5	0	0	324	2019	Preston	V2	4
2530	BxN-RIL-360-16	.	324	462	5	5	0	0	324	2019	Preston	V3	4
2531	BxN-RIL-360-16	.	324	462	5	5	0	0	324	2019	Preston	W1	2
2532	BxN-RIL-360-16	.	324	462	5	5	0	0	324	2019	Preston	W2	6
2533	BxN-RIL-360-16	.	324	462	5	5	0	0	324	2019	Preston	W3	6
2534	NxB-RIL-373-16	.	641	463	5	5	0	0	641	2019	Preston	STD	3
2535	NxB-RIL-373-16	.	641	463	5	5	0	0	641	2019	Preston	V1	4
2536	NxB-RIL-373-16	.	641	463	5	5	0	0	641	2019	Preston	V2	3
2537	NxB-RIL-373-16	.	641	463	5	5	0	0	641	2019	Preston	V3	4
2538	NxB-RIL-373-16	.	641	463	5	5	0	0	641	2019	Preston	W1	3
2539	NxB-RIL-373-16	.	641	463	5	5	0	0	641	2019	Preston	W2	7
2540	NxB-RIL-373-16	.	641	463	5	5	0	0	641	2019	Preston	W3	7
2541	BxN-RIL-357-15	.	243	464	5	5	0	0	243	2019	Preston	STD	1
2542	BxN-RIL-357-15	.	243	464	5	5	0	0	243	2019	Preston	V1	3
2543	BxN-RIL-357-15	.	243	464	5	5	0	0	243	2019	Preston	V2	1
2544	BxN-RIL-357-15	.	243	464	5	5	0	0	243	2019	Preston	V3	1
2545	BxN-RIL-357-15	.	243	464	5	5	0	0	243	2019	Preston	W1	2
2546	BxN-RIL-357-15	.	243	464	5	5	0	0	243	2019	Preston	W2	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2547	BxN-RIL-357-15	.	243	464	5	5	0	0	243	2019	Preston	W3	0
2548	NorLin	5+5	715	465	5	5	1	0	715	2019	Preston	STD	2
2549	NorLin	5+5	715	465	5	5	1	0	715	2019	Preston	V1	2
2550	NorLin	5+5	715	465	5	5	1	0	715	2019	Preston	V2	1
2551	NorLin	5+5	715	465	5	5	1	0	715	2019	Preston	V3	1
2552	NorLin	5+5	715	465	5	5	1	0	715	2019	Preston	W1	1
2553	NorLin	5+5	715	465	5	5	1	0	715	2019	Preston	W2	4
2554	NorLin	5+5	715	465	5	5	1	0	715	2019	Preston	W3	2
2555	NxB-RIL-372-12	.	609	466	5	5	0	0	609	2019	Preston	STD	1
2556	NxB-RIL-372-12	.	609	466	5	5	0	0	609	2019	Preston	V1	2
2557	NxB-RIL-372-12	.	609	466	5	5	0	0	609	2019	Preston	V2	1
2558	NxB-RIL-372-12	.	609	466	5	5	0	0	609	2019	Preston	V3	1
2559	NxB-RIL-372-12	.	609	466	5	5	0	0	609	2019	Preston	W1	1
2560	NxB-RIL-372-12	.	609	466	5	5	0	0	609	2019	Preston	W2	2
2561	NxB-RIL-372-12	.	609	466	5	5	0	0	609	2019	Preston	W3	2
2562	BxN-RIL-347-9	.	31	467	5	5	0	0	31	2019	Preston	STD	3
2563	BxN-RIL-347-9	.	31	467	5	5	0	0	31	2019	Preston	V1	3
2564	BxN-RIL-347-9	.	31	467	5	5	0	0	31	2019	Preston	V2	3
2565	BxN-RIL-347-9	.	31	467	5	5	0	0	31	2019	Preston	V3	2
2566	BxN-RIL-347-9	.	31	467	5	5	0	0	31	2019	Preston	W1	1
2567	BxN-RIL-347-9	.	31	467	5	5	0	0	31	2019	Preston	W2	5
2568	BxN-RIL-347-9	.	31	467	5	5	0	0	31	2019	Preston	W3	4
2569	BxN-RIL-352-6	.	128	468	5	5	0	0	128	2019	Preston	STD	1
2570	BxN-RIL-352-6	.	128	468	5	5	0	0	128	2019	Preston	V1	2
2571	BxN-RIL-352-6	.	128	468	5	5	0	0	128	2019	Preston	V2	2
2572	BxN-RIL-352-6	.	128	468	5	5	0	0	128	2019	Preston	V3	1
2573	BxN-RIL-352-6	.	128	468	5	5	0	0	128	2019	Preston	W1	1
2574	BxN-RIL-352-6	.	128	468	5	5	0	0	128	2019	Preston	W2	3
2575	BxN-RIL-352-6	.	128	468	5	5	0	0	128	2019	Preston	W3	4
2576	BxN-RIL-353-7	.	152	469	5	5	0	0	152	2019	Preston	STD	1
2577	BxN-RIL-353-7	.	152	469	5	5	0	0	152	2019	Preston	V1	1
2578	BxN-RIL-353-7	.	152	469	5	5	0	0	152	2019	Preston	V2	1
2579	BxN-RIL-353-7	.	152	469	5	5	0	0	152	2019	Preston	V3	1
2580	BxN-RIL-353-7	.	152	469	5	5	0	0	152	2019	Preston	W1	1
2581	BxN-RIL-353-7	.	152	469	5	5	0	0	152	2019	Preston	W2	1
2582	BxN-RIL-353-7	.	152	469	5	5	0	0	152	2019	Preston	W3	1
2583	BxN-RIL-360-28	.	336	470	5	6	0	0	336	2019	Preston	STD	2
2584	BxN-RIL-360-28	.	336	470	5	6	0	0	336	2019	Preston	V1	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2585	BxN-RIL-360-28	.	336	470	5	6	0	0	336	2019	Preston	V2	3
2586	BxN-RIL-360-28	.	336	470	5	6	0	0	336	2019	Preston	V3	3
2587	BxN-RIL-360-28	.	336	470	5	6	0	0	336	2019	Preston	W1	2
2588	BxN-RIL-360-28	.	336	470	5	6	0	0	336	2019	Preston	W2	4
2589	BxN-RIL-360-28	.	336	470	5	6	0	0	336	2019	Preston	W3	2
2590	BxN-RIL-354-21	.	185	471	5	6	0	0	185	2019	Preston	STD	1
2591	BxN-RIL-354-21	.	185	471	5	6	0	0	185	2019	Preston	V1	1
2592	BxN-RIL-354-21	.	185	471	5	6	0	0	185	2019	Preston	V2	2
2593	BxN-RIL-354-21	.	185	471	5	6	0	0	185	2019	Preston	V3	1
2594	BxN-RIL-354-21	.	185	471	5	6	0	0	185	2019	Preston	W1	1
2595	BxN-RIL-354-21	.	185	471	5	6	0	0	185	2019	Preston	W2	4
2596	BxN-RIL-354-21	.	185	471	5	6	0	0	185	2019	Preston	W3	4
2597	NxB-RIL-362-19	.	388	472	5	6	0	0	388	2019	Preston	STD	1
2598	NxB-RIL-362-19	.	388	472	5	6	0	0	388	2019	Preston	V1	2
2599	NxB-RIL-362-19	.	388	472	5	6	0	0	388	2019	Preston	V2	2
2600	NxB-RIL-362-19	.	388	472	5	6	0	0	388	2019	Preston	V3	3
2601	NxB-RIL-362-19	.	388	472	5	6	0	0	388	2019	Preston	W1	1
2602	NxB-RIL-362-19	.	388	472	5	6	0	0	388	2019	Preston	W2	5
2603	NxB-RIL-362-19	.	388	472	5	6	0	0	388	2019	Preston	W3	7
2604	NxB-RIL-372-6	.	604	473	5	6	0	0	604	2019	Preston	STD	2
2605	NxB-RIL-372-6	.	604	473	5	6	0	0	604	2019	Preston	V1	2
2606	NxB-RIL-372-6	.	604	473	5	6	0	0	604	2019	Preston	V2	2
2607	NxB-RIL-372-6	.	604	473	5	6	0	0	604	2019	Preston	V3	2
2608	NxB-RIL-372-6	.	604	473	5	6	0	0	604	2019	Preston	W1	2
2609	NxB-RIL-372-6	.	604	473	5	6	0	0	604	2019	Preston	W2	4
2610	NxB-RIL-372-6	.	604	473	5	6	0	0	604	2019	Preston	W3	2
2611	NorLin	5+6	715	474	5	6	1	0	715	2019	Preston	STD	3
2612	NorLin	5+6	715	474	5	6	1	0	715	2019	Preston	V1	3
2613	NorLin	5+6	715	474	5	6	1	0	715	2019	Preston	V2	1
2614	NorLin	5+6	715	474	5	6	1	0	715	2019	Preston	V3	2
2615	NorLin	5+6	715	474	5	6	1	0	715	2019	Preston	W1	2
2616	NorLin	5+6	715	474	5	6	1	0	715	2019	Preston	W2	5
2617	NorLin	5+6	715	474	5	6	1	0	715	2019	Preston	W3	2
2618	NxB-RIL-363-20	.	412	475	5	6	0	0	412	2019	Preston	STD	2
2619	NxB-RIL-363-20	.	412	475	5	6	0	0	412	2019	Preston	V1	3
2620	NxB-RIL-363-20	.	412	475	5	6	0	0	412	2019	Preston	V2	2
2621	NxB-RIL-363-20	.	412	475	5	6	0	0	412	2019	Preston	V3	2
2622	NxB-RIL-363-20	.	412	475	5	6	0	0	412	2019	Preston	W1	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2623	NxB-RIL-363-20	.	412	475	5	6	0	0	412	2019	Preston	W2	5
2624	NxB-RIL-363-20	.	412	475	5	6	0	0	412	2019	Preston	W3	5
2625	BxN-RIL-360-13	.	321	476	5	6	0	0	321	2019	Preston	STD	3
2626	BxN-RIL-360-13	.	321	476	5	6	0	0	321	2019	Preston	V1	4
2627	BxN-RIL-360-13	.	321	476	5	6	0	0	321	2019	Preston	V2	2
2628	BxN-RIL-360-13	.	321	476	5	6	0	0	321	2019	Preston	V3	3
2629	BxN-RIL-360-13	.	321	476	5	6	0	0	321	2019	Preston	W1	3
2630	BxN-RIL-360-13	.	321	476	5	6	0	0	321	2019	Preston	W2	4
2631	BxN-RIL-360-13	.	321	476	5	6	0	0	321	2019	Preston	W3	2
2632	NxB-RIL-367-15	.	500	477	5	6	0	0	500	2019	Preston	STD	3
2633	NxB-RIL-367-15	.	500	477	5	6	0	0	500	2019	Preston	V1	4
2634	NxB-RIL-367-15	.	500	477	5	6	0	0	500	2019	Preston	V2	3
2635	NxB-RIL-367-15	.	500	477	5	6	0	0	500	2019	Preston	V3	3
2636	NxB-RIL-367-15	.	500	477	5	6	0	0	500	2019	Preston	W1	3
2637	NxB-RIL-367-15	.	500	477	5	6	0	0	500	2019	Preston	W2	4
2638	NxB-RIL-367-15	.	500	477	5	6	0	0	500	2019	Preston	W3	5
2639	NxB-RIL-374-14	.	666	478	5	6	0	0	666	2019	Preston	STD	3
2640	NxB-RIL-374-14	.	666	478	5	6	0	0	666	2019	Preston	V1	3
2641	NxB-RIL-374-14	.	666	478	5	6	0	0	666	2019	Preston	V2	2
2642	NxB-RIL-374-14	.	666	478	5	6	0	0	666	2019	Preston	V3	1
2643	NxB-RIL-374-14	.	666	478	5	6	0	0	666	2019	Preston	W1	2
2644	NxB-RIL-374-14	.	666	478	5	6	0	0	666	2019	Preston	W2	4
2645	NxB-RIL-374-14	.	666	478	5	6	0	0	666	2019	Preston	W3	2
2646	BxN-RIL-357-8	.	238	479	5	7	0	0	238	2019	Preston	STD	2
2647	BxN-RIL-357-8	.	238	479	5	7	0	0	238	2019	Preston	V1	3
2648	BxN-RIL-357-8	.	238	479	5	7	0	0	238	2019	Preston	V2	3
2649	BxN-RIL-357-8	.	238	479	5	7	0	0	238	2019	Preston	V3	1
2650	BxN-RIL-357-8	.	238	479	5	7	0	0	238	2019	Preston	W1	1
2651	BxN-RIL-357-8	.	238	479	5	7	0	0	238	2019	Preston	W2	4
2652	BxN-RIL-357-8	.	238	479	5	7	0	0	238	2019	Preston	W3	2
2653	NxB-RIL-370-19	.	574	480	5	7	0	0	574	2019	Preston	STD	2
2654	NxB-RIL-370-19	.	574	480	5	7	0	0	574	2019	Preston	V1	3
2655	NxB-RIL-370-19	.	574	480	5	7	0	0	574	2019	Preston	V2	2
2656	NxB-RIL-370-19	.	574	480	5	7	0	0	574	2019	Preston	V3	1
2657	NxB-RIL-370-19	.	574	480	5	7	0	0	574	2019	Preston	W1	1
2658	NxB-RIL-370-19	.	574	480	5	7	0	0	574	2019	Preston	W2	4
2659	NxB-RIL-370-19	.	574	480	5	7	0	0	574	2019	Preston	W3	4
2660	BxN-RIL-360-32	.	340	481	5	7	0	0	340	2019	Preston	STD	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2661	BxN-RIL-360-32	.	340	481	5	7	0	0	340	2019	Preston	V1	4
2662	BxN-RIL-360-32	.	340	481	5	7	0	0	340	2019	Preston	V2	3
2663	BxN-RIL-360-32	.	340	481	5	7	0	0	340	2019	Preston	V3	4
2664	BxN-RIL-360-32	.	340	481	5	7	0	0	340	2019	Preston	W1	2
2665	BxN-RIL-360-32	.	340	481	5	7	0	0	340	2019	Preston	W2	6
2666	BxN-RIL-360-32	.	340	481	5	7	0	0	340	2019	Preston	W3	6
2667	BxN-RIL-358-1	.	258	482	5	7	0	0	258	2019	Preston	STD	2
2668	BxN-RIL-358-1	.	258	482	5	7	0	0	258	2019	Preston	V1	2
2669	BxN-RIL-358-1	.	258	482	5	7	0	0	258	2019	Preston	V2	2
2670	BxN-RIL-358-1	.	258	482	5	7	0	0	258	2019	Preston	V3	1
2671	BxN-RIL-358-1	.	258	482	5	7	0	0	258	2019	Preston	W1	2
2672	BxN-RIL-358-1	.	258	482	5	7	0	0	258	2019	Preston	W2	5
2673	BxN-RIL-358-1	.	258	482	5	7	0	0	258	2019	Preston	W3	3
2674	NorLin	5+7	715	483	5	7	1	0	715	2019	Preston	STD	2
2675	NorLin	5+7	715	483	5	7	1	0	715	2019	Preston	V1	3
2676	NorLin	5+7	715	483	5	7	1	0	715	2019	Preston	V2	2
2677	NorLin	5+7	715	483	5	7	1	0	715	2019	Preston	V3	1
2678	NorLin	5+7	715	483	5	7	1	0	715	2019	Preston	W1	2
2679	NorLin	5+7	715	483	5	7	1	0	715	2019	Preston	W2	5
2680	NorLin	5+7	715	483	5	7	1	0	715	2019	Preston	W3	2
2681	BxN-RIL-356-14	.	223	484	5	7	0	0	223	2019	Preston	STD	2
2682	BxN-RIL-356-14	.	223	484	5	7	0	0	223	2019	Preston	V1	2
2683	BxN-RIL-356-14	.	223	484	5	7	0	0	223	2019	Preston	V2	2
2684	BxN-RIL-356-14	.	223	484	5	7	0	0	223	2019	Preston	V3	3
2685	BxN-RIL-356-14	.	223	484	5	7	0	0	223	2019	Preston	W1	1
2686	BxN-RIL-356-14	.	223	484	5	7	0	0	223	2019	Preston	W2	6
2687	BxN-RIL-356-14	.	223	484	5	7	0	0	223	2019	Preston	W3	4
2688	NxB-RIL-364-24	.	438	485	5	7	0	0	438	2019	Preston	STD	2
2689	NxB-RIL-364-24	.	438	485	5	7	0	0	438	2019	Preston	V1	4
2690	NxB-RIL-364-24	.	438	485	5	7	0	0	438	2019	Preston	V2	3
2691	NxB-RIL-364-24	.	438	485	5	7	0	0	438	2019	Preston	V3	3
2692	NxB-RIL-364-24	.	438	485	5	7	0	0	438	2019	Preston	W1	3
2693	NxB-RIL-364-24	.	438	485	5	7	0	0	438	2019	Preston	W2	7
2694	NxB-RIL-364-24	.	438	485	5	7	0	0	438	2019	Preston	W3	4
2695	BxN-RIL-354-28	.	189	486	5	7	0	0	189	2019	Preston	STD	2
2696	BxN-RIL-354-28	.	189	486	5	7	0	0	189	2019	Preston	V1	3
2697	BxN-RIL-354-28	.	189	486	5	7	0	0	189	2019	Preston	V2	3
2698	BxN-RIL-354-28	.	189	486	5	7	0	0	189	2019	Preston	V3	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2699	BxN-RIL-354-28	.	189	486	5	7	0	0	189	2019	Preston	W1	2
2700	BxN-RIL-354-28	.	189	486	5	7	0	0	189	2019	Preston	W2	4
2701	BxN-RIL-354-28	.	189	486	5	7	0	0	189	2019	Preston	W3	3
2702	NxB-RIL-366-15	.	478	487	5	7	0	0	478	2019	Preston	STD	2
2703	NxB-RIL-366-15	.	478	487	5	7	0	0	478	2019	Preston	V1	3
2704	NxB-RIL-366-15	.	478	487	5	7	0	0	478	2019	Preston	V2	3
2705	NxB-RIL-366-15	.	478	487	5	7	0	0	478	2019	Preston	V3	3
2706	NxB-RIL-366-15	.	478	487	5	7	0	0	478	2019	Preston	W1	1
2707	NxB-RIL-366-15	.	478	487	5	7	0	0	478	2019	Preston	W2	4
2708	NxB-RIL-366-15	.	478	487	5	7	0	0	478	2019	Preston	W3	3
2709	NxB-RIL-371-21	.	599	488	5	8	0	0	599	2019	Preston	STD	3
2710	NxB-RIL-371-21	.	599	488	5	8	0	0	599	2019	Preston	V1	3
2711	NxB-RIL-371-21	.	599	488	5	8	0	0	599	2019	Preston	V2	3
2712	NxB-RIL-371-21	.	599	488	5	8	0	0	599	2019	Preston	V3	3
2713	NxB-RIL-371-21	.	599	488	5	8	0	0	599	2019	Preston	W1	2
2714	NxB-RIL-371-21	.	599	488	5	8	0	0	599	2019	Preston	W2	6
2715	NxB-RIL-371-21	.	599	488	5	8	0	0	599	2019	Preston	W3	5
2716	Bison4	.	708	489	5	8	0	0	708	2019	Preston	STD	2
2717	Bison4	.	708	489	5	8	0	0	708	2019	Preston	V1	3
2718	Bison4	.	708	489	5	8	0	0	708	2019	Preston	V2	2
2719	Bison4	.	708	489	5	8	0	0	708	2019	Preston	V3	1
2720	Bison4	.	708	489	5	8	0	0	708	2019	Preston	W1	2
2721	Bison4	.	708	489	5	8	0	0	708	2019	Preston	W2	3
2722	Bison4	.	708	489	5	8	0	0	708	2019	Preston	W3	1
2723	BxN-RIL-356-4	.	215	490	5	8	0	0	215	2019	Preston	STD	3
2724	BxN-RIL-356-4	.	215	490	5	8	0	0	215	2019	Preston	V1	4
2725	BxN-RIL-356-4	.	215	490	5	8	0	0	215	2019	Preston	V2	2
2726	BxN-RIL-356-4	.	215	490	5	8	0	0	215	2019	Preston	V3	3
2727	BxN-RIL-356-4	.	215	490	5	8	0	0	215	2019	Preston	W1	3
2728	BxN-RIL-356-4	.	215	490	5	8	0	0	215	2019	Preston	W2	7
2729	BxN-RIL-356-4	.	215	490	5	8	0	0	215	2019	Preston	W3	5
2730	NxB-RIL-362-18	.	387	491	5	8	0	0	387	2019	Preston	STD	3
2731	NxB-RIL-362-18	.	387	491	5	8	0	0	387	2019	Preston	V1	4
2732	NxB-RIL-362-18	.	387	491	5	8	0	0	387	2019	Preston	V2	2
2733	NxB-RIL-362-18	.	387	491	5	8	0	0	387	2019	Preston	V3	2
2734	NxB-RIL-362-18	.	387	491	5	8	0	0	387	2019	Preston	W1	2
2735	NxB-RIL-362-18	.	387	491	5	8	0	0	387	2019	Preston	W2	4
2736	NxB-RIL-362-18	.	387	491	5	8	0	0	387	2019	Preston	W3	2



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2737	NorLin	5+8	715	492	5	8	1	0	715	2019	Preston	STD	3
2738	NorLin	5+8	715	492	5	8	1	0	715	2019	Preston	V1	2
2739	NorLin	5+8	715	492	5	8	1	0	715	2019	Preston	V2	2
2740	NorLin	5+8	715	492	5	8	1	0	715	2019	Preston	V3	2
2741	NorLin	5+8	715	492	5	8	1	0	715	2019	Preston	W1	1
2742	NorLin	5+8	715	492	5	8	1	0	715	2019	Preston	W2	4
2743	NorLin	5+8	715	492	5	8	1	0	715	2019	Preston	W3	3
2744	NxB-RIL-364-7	.	423	493	5	8	0	0	423	2019	Preston	STD	1
2745	NxB-RIL-364-7	.	423	493	5	8	0	0	423	2019	Preston	V1	1
2746	NxB-RIL-364-7	.	423	493	5	8	0	0	423	2019	Preston	V2	1
2747	NxB-RIL-364-7	.	423	493	5	8	0	0	423	2019	Preston	V3	1
2748	NxB-RIL-364-7	.	423	493	5	8	0	0	423	2019	Preston	W1	1
2749	NxB-RIL-364-7	.	423	493	5	8	0	0	423	2019	Preston	W2	1
2750	NxB-RIL-364-7	.	423	493	5	8	0	0	423	2019	Preston	W3	2
2751	BxN-RIL-358-4	.	260	494	5	8	0	0	260	2019	Preston	STD	2
2752	BxN-RIL-358-4	.	260	494	5	8	0	0	260	2019	Preston	V1	3
2753	BxN-RIL-358-4	.	260	494	5	8	0	0	260	2019	Preston	V2	4
2754	BxN-RIL-358-4	.	260	494	5	8	0	0	260	2019	Preston	V3	3
2755	BxN-RIL-358-4	.	260	494	5	8	0	0	260	2019	Preston	W1	1
2756	BxN-RIL-358-4	.	260	494	5	8	0	0	260	2019	Preston	W2	2
2757	BxN-RIL-358-4	.	260	494	5	8	0	0	260	2019	Preston	W3	4
2758	NxB-RIL-367-23	.	508	495	5	8	0	0	508	2019	Preston	STD	2
2759	NxB-RIL-367-23	.	508	495	5	8	0	0	508	2019	Preston	V1	2
2760	NxB-RIL-367-23	.	508	495	5	8	0	0	508	2019	Preston	V2	3
2761	NxB-RIL-367-23	.	508	495	5	8	0	0	508	2019	Preston	V3	1
2762	NxB-RIL-367-23	.	508	495	5	8	0	0	508	2019	Preston	W1	2
2763	NxB-RIL-367-23	.	508	495	5	8	0	0	508	2019	Preston	W2	3
2764	NxB-RIL-367-23	.	508	495	5	8	0	0	508	2019	Preston	W3	2
2765	BxN-RIL-359-11	.	291	496	5	8	0	0	291	2019	Preston	STD	3
2766	BxN-RIL-359-11	.	291	496	5	8	0	0	291	2019	Preston	V1	4
2767	BxN-RIL-359-11	.	291	496	5	8	0	0	291	2019	Preston	V2	4
2768	BxN-RIL-359-11	.	291	496	5	8	0	0	291	2019	Preston	V3	2
2769	BxN-RIL-359-11	.	291	496	5	8	0	0	291	2019	Preston	W1	3
2770	BxN-RIL-359-11	.	291	496	5	8	0	0	291	2019	Preston	W2	7
2771	BxN-RIL-359-11	.	291	496	5	8	0	0	291	2019	Preston	W3	5
2772	BxN-RIL-357-5	.	236	497	5	9	0	0	236	2019	Preston	STD	1
2773	BxN-RIL-357-5	.	236	497	5	9	0	0	236	2019	Preston	V1	2
2774	BxN-RIL-357-5	.	236	497	5	9	0	0	236	2019	Preston	V2	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2775	BxN-RIL-357-5	.	236	497	5	9	0	0	236	2019	Preston	V3	1
2776	BxN-RIL-357-5	.	236	497	5	9	0	0	236	2019	Preston	W1	2
2777	BxN-RIL-357-5	.	236	497	5	9	0	0	236	2019	Preston	W2	5
2778	BxN-RIL-357-5	.	236	497	5	9	0	0	236	2019	Preston	W3	5
2779	NxB-RIL-370-7	.	564	498	5	9	0	0	564	2019	Preston	STD	2
2780	NxB-RIL-370-7	.	564	498	5	9	0	0	564	2019	Preston	V1	2
2781	NxB-RIL-370-7	.	564	498	5	9	0	0	564	2019	Preston	V2	1
2782	NxB-RIL-370-7	.	564	498	5	9	0	0	564	2019	Preston	V3	1
2783	NxB-RIL-370-7	.	564	498	5	9	0	0	564	2019	Preston	W1	1
2784	NxB-RIL-370-7	.	564	498	5	9	0	0	564	2019	Preston	W2	5
2785	NxB-RIL-370-7	.	564	498	5	9	0	0	564	2019	Preston	W3	3
2786	BxN-RIL-353-15	.	160	499	5	9	0	0	160	2019	Preston	STD	2
2787	BxN-RIL-353-15	.	160	499	5	9	0	0	160	2019	Preston	V1	3
2788	BxN-RIL-353-15	.	160	499	5	9	0	0	160	2019	Preston	V2	2
2789	BxN-RIL-353-15	.	160	499	5	9	0	0	160	2019	Preston	V3	3
2790	BxN-RIL-353-15	.	160	499	5	9	0	0	160	2019	Preston	W1	2
2791	BxN-RIL-353-15	.	160	499	5	9	0	0	160	2019	Preston	W2	4
2792	BxN-RIL-353-15	.	160	499	5	9	0	0	160	2019	Preston	W3	2
2793	NxB-RIL-375-20	.	701	500	5	9	0	0	701	2019	Preston	STD	2
2794	NxB-RIL-375-20	.	701	500	5	9	0	0	701	2019	Preston	V1	1
2795	NxB-RIL-375-20	.	701	500	5	9	0	0	701	2019	Preston	V2	1
2796	NxB-RIL-375-20	.	701	500	5	9	0	0	701	2019	Preston	V3	1
2797	NxB-RIL-375-20	.	701	500	5	9	0	0	701	2019	Preston	W1	1
2798	NxB-RIL-375-20	.	701	500	5	9	0	0	701	2019	Preston	W2	5
2799	NxB-RIL-375-20	.	701	500	5	9	0	0	701	2019	Preston	W3	4
2800	NorLin	5+9	715	501	5	9	1	0	715	2019	Preston	STD	2
2801	NorLin	5+9	715	501	5	9	1	0	715	2019	Preston	V1	2
2802	NorLin	5+9	715	501	5	9	1	0	715	2019	Preston	V2	2
2803	NorLin	5+9	715	501	5	9	1	0	715	2019	Preston	V3	2
2804	NorLin	5+9	715	501	5	9	1	0	715	2019	Preston	W1	1
2805	NorLin	5+9	715	501	5	9	1	0	715	2019	Preston	W2	2
2806	NorLin	5+9	715	501	5	9	1	0	715	2019	Preston	W3	2
2807	BxN-RIL-354-20	.	184	502	5	9	0	0	184	2019	Preston	STD	2
2808	BxN-RIL-354-20	.	184	502	5	9	0	0	184	2019	Preston	V1	3
2809	BxN-RIL-354-20	.	184	502	5	9	0	0	184	2019	Preston	V2	3
2810	BxN-RIL-354-20	.	184	502	5	9	0	0	184	2019	Preston	V3	3
2811	BxN-RIL-354-20	.	184	502	5	9	0	0	184	2019	Preston	W1	2
2812	BxN-RIL-354-20	.	184	502	5	9	0	0	184	2019	Preston	W2	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2813	BxN-RIL-354-20	.	184	502	5	9	0	0	184	2019	Preston	W3	3
2814	BxN-RIL-349-22	.	85	503	5	9	0	0	85	2019	Preston	STD	3
2815	BxN-RIL-349-22	.	85	503	5	9	0	0	85	2019	Preston	V1	2
2816	BxN-RIL-349-22	.	85	503	5	9	0	0	85	2019	Preston	V2	2
2817	BxN-RIL-349-22	.	85	503	5	9	0	0	85	2019	Preston	V3	1
2818	BxN-RIL-349-22	.	85	503	5	9	0	0	85	2019	Preston	W1	1
2819	BxN-RIL-349-22	.	85	503	5	9	0	0	85	2019	Preston	W2	3
2820	BxN-RIL-349-22	.	85	503	5	9	0	0	85	2019	Preston	W3	2
2821	BxN-RIL-353-25	.	168	504	5	9	0	0	168	2019	Preston	STD	2
2822	BxN-RIL-353-25	.	168	504	5	9	0	0	168	2019	Preston	V1	3
2823	BxN-RIL-353-25	.	168	504	5	9	0	0	168	2019	Preston	V2	2
2824	BxN-RIL-353-25	.	168	504	5	9	0	0	168	2019	Preston	V3	1
2825	BxN-RIL-353-25	.	168	504	5	9	0	0	168	2019	Preston	W1	2
2826	BxN-RIL-353-25	.	168	504	5	9	0	0	168	2019	Preston	W2	4
2827	BxN-RIL-353-25	.	168	504	5	9	0	0	168	2019	Preston	W3	4
2828	NxB-RIL-361-13	.	352	505	5	9	0	0	352	2019	Preston	STD	2
2829	NxB-RIL-361-13	.	352	505	5	9	0	0	352	2019	Preston	V1	2
2830	NxB-RIL-361-13	.	352	505	5	9	0	0	352	2019	Preston	V2	2
2831	NxB-RIL-361-13	.	352	505	5	9	0	0	352	2019	Preston	V3	2
2832	NxB-RIL-361-13	.	352	505	5	9	0	0	352	2019	Preston	W1	1
2833	NxB-RIL-361-13	.	352	505	5	9	0	0	352	2019	Preston	W2	2
2834	NxB-RIL-361-13	.	352	505	5	9	0	0	352	2019	Preston	W3	3
2835	NxB-RIL-365-2	.	442	506	6	1	0	0	442	2019	Preston	STD	1
2836	NxB-RIL-365-2	.	442	506	6	1	0	0	442	2019	Preston	V1	1
2837	NxB-RIL-365-2	.	442	506	6	1	0	0	442	2019	Preston	V2	1
2838	NxB-RIL-365-2	.	442	506	6	1	0	0	442	2019	Preston	V3	2
2839	NxB-RIL-365-2	.	442	506	6	1	0	0	442	2019	Preston	W1	1
2840	NxB-RIL-365-2	.	442	506	6	1	0	0	442	2019	Preston	W2	7
2841	NxB-RIL-365-2	.	442	506	6	1	0	0	442	2019	Preston	W3	1
2842	NxB-RIL-370-20	.	575	507	6	1	0	0	575	2019	Preston	STD	2
2843	NxB-RIL-370-20	.	575	507	6	1	0	0	575	2019	Preston	V1	2
2844	NxB-RIL-370-20	.	575	507	6	1	0	0	575	2019	Preston	V2	2
2845	NxB-RIL-370-20	.	575	507	6	1	0	0	575	2019	Preston	V3	4
2846	NxB-RIL-370-20	.	575	507	6	1	0	0	575	2019	Preston	W1	3
2847	NxB-RIL-370-20	.	575	507	6	1	0	0	575	2019	Preston	W2	7
2848	NxB-RIL-370-20	.	575	507	6	1	0	0	575	2019	Preston	W3	7
2849	BxN-RIL-356-15	.	224	508	6	1	0	0	224	2019	Preston	STD	2
2850	BxN-RIL-356-15	.	224	508	6	1	0	0	224	2019	Preston	V1	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2851	BxN-RIL-356-15	.	224	508	6	1	0	0	224	2019	Preston	V2	2
2852	BxN-RIL-356-15	.	224	508	6	1	0	0	224	2019	Preston	V3	4
2853	BxN-RIL-356-15	.	224	508	6	1	0	0	224	2019	Preston	W1	3
2854	BxN-RIL-356-15	.	224	508	6	1	0	0	224	2019	Preston	W2	8
2855	BxN-RIL-356-15	.	224	508	6	1	0	0	224	2019	Preston	W3	6
2856	NxB-RIL-362-22	.	391	509	6	1	0	0	391	2019	Preston	STD	2
2857	NxB-RIL-362-22	.	391	509	6	1	0	0	391	2019	Preston	V1	2
2858	NxB-RIL-362-22	.	391	509	6	1	0	0	391	2019	Preston	V2	2
2859	NxB-RIL-362-22	.	391	509	6	1	0	0	391	2019	Preston	V3	1
2860	NxB-RIL-362-22	.	391	509	6	1	0	0	391	2019	Preston	W1	1
2861	NxB-RIL-362-22	.	391	509	6	1	0	0	391	2019	Preston	W2	4
2862	NxB-RIL-362-22	.	391	509	6	1	0	0	391	2019	Preston	W3	1
2863	NorLin	6+1	715	510	6	1	1	0	715	2019	Preston	STD	3
2864	NorLin	6+1	715	510	6	1	1	0	715	2019	Preston	V1	2
2865	NorLin	6+1	715	510	6	1	1	0	715	2019	Preston	V2	1
2866	NorLin	6+1	715	510	6	1	1	0	715	2019	Preston	V3	1
2867	NorLin	6+1	715	510	6	1	1	0	715	2019	Preston	W1	1
2868	NorLin	6+1	715	510	6	1	1	0	715	2019	Preston	W2	2
2869	NorLin	6+1	715	510	6	1	1	0	715	2019	Preston	W3	2
2870	NxB-RIL-364-3	.	419	511	6	1	0	0	419	2019	Preston	STD	3
2871	NxB-RIL-364-3	.	419	511	6	1	0	0	419	2019	Preston	V1	2
2872	NxB-RIL-364-3	.	419	511	6	1	0	0	419	2019	Preston	V2	3
2873	NxB-RIL-364-3	.	419	511	6	1	0	0	419	2019	Preston	V3	2
2874	NxB-RIL-364-3	.	419	511	6	1	0	0	419	2019	Preston	W1	2
2875	NxB-RIL-364-3	.	419	511	6	1	0	0	419	2019	Preston	W2	4
2876	NxB-RIL-364-3	.	419	511	6	1	0	0	419	2019	Preston	W3	2
2877	BxN-RIL-360-11	.	319	512	6	1	0	0	319	2019	Preston	STD	3
2878	BxN-RIL-360-11	.	319	512	6	1	0	0	319	2019	Preston	V1	2
2879	BxN-RIL-360-11	.	319	512	6	1	0	0	319	2019	Preston	V2	3
2880	BxN-RIL-360-11	.	319	512	6	1	0	0	319	2019	Preston	V3	2
2881	BxN-RIL-360-11	.	319	512	6	1	0	0	319	2019	Preston	W1	1
2882	BxN-RIL-360-11	.	319	512	6	1	0	0	319	2019	Preston	W2	5
2883	BxN-RIL-360-11	.	319	512	6	1	0	0	319	2019	Preston	W3	3
2884	NxB-RIL-362-10	.	380	513	6	1	0	0	380	2019	Preston	STD	2
2885	NxB-RIL-362-10	.	380	513	6	1	0	0	380	2019	Preston	V1	2
2886	NxB-RIL-362-10	.	380	513	6	1	0	0	380	2019	Preston	V2	2
2887	NxB-RIL-362-10	.	380	513	6	1	0	0	380	2019	Preston	V3	2
2888	NxB-RIL-362-10	.	380	513	6	1	0	0	380	2019	Preston	W1	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2889	NxB-RIL-362-10	.	380	513	6	1	0	0	380	2019	Preston	W2	5
2890	NxB-RIL-362-10	.	380	513	6	1	0	0	380	2019	Preston	W3	5
2891	BxN-RIL-346-23	.	19	514	6	1	0	0	19	2019	Preston	STD	1
2892	BxN-RIL-346-23	.	19	514	6	1	0	0	19	2019	Preston	V1	2
2893	BxN-RIL-346-23	.	19	514	6	1	0	0	19	2019	Preston	V2	3
2894	BxN-RIL-346-23	.	19	514	6	1	0	0	19	2019	Preston	V3	2
2895	BxN-RIL-346-23	.	19	514	6	1	0	0	19	2019	Preston	W1	1
2896	BxN-RIL-346-23	.	19	514	6	1	0	0	19	2019	Preston	W2	7
2897	BxN-RIL-346-23	.	19	514	6	1	0	0	19	2019	Preston	W3	5
2898	NxB-RIL-365-24	.	461	515	6	2	0	0	461	2019	Preston	STD	1
2899	NxB-RIL-365-24	.	461	515	6	2	0	0	461	2019	Preston	V1	2
2900	NxB-RIL-365-24	.	461	515	6	2	0	0	461	2019	Preston	V2	1
2901	NxB-RIL-365-24	.	461	515	6	2	0	0	461	2019	Preston	V3	1
2902	NxB-RIL-365-24	.	461	515	6	2	0	0	461	2019	Preston	W1	1
2903	NxB-RIL-365-24	.	461	515	6	2	0	0	461	2019	Preston	W2	3
2904	NxB-RIL-365-24	.	461	515	6	2	0	0	461	2019	Preston	W3	1
2905	BxN-RIL-352-18	.	137	516	6	2	0	0	137	2019	Preston	STD	2
2906	BxN-RIL-352-18	.	137	516	6	2	0	0	137	2019	Preston	V1	2
2907	BxN-RIL-352-18	.	137	516	6	2	0	0	137	2019	Preston	V2	2
2908	BxN-RIL-352-18	.	137	516	6	2	0	0	137	2019	Preston	V3	1
2909	BxN-RIL-352-18	.	137	516	6	2	0	0	137	2019	Preston	W1	2
2910	BxN-RIL-352-18	.	137	516	6	2	0	0	137	2019	Preston	W2	4
2911	BxN-RIL-352-18	.	137	516	6	2	0	0	137	2019	Preston	W3	4
2912	BxN-RIL-353-2	.	147	517	6	2	0	0	147	2019	Preston	STD	1
2913	BxN-RIL-353-2	.	147	517	6	2	0	0	147	2019	Preston	V1	1
2914	BxN-RIL-353-2	.	147	517	6	2	0	0	147	2019	Preston	V2	1
2915	BxN-RIL-353-2	.	147	517	6	2	0	0	147	2019	Preston	V3	1
2916	BxN-RIL-353-2	.	147	517	6	2	0	0	147	2019	Preston	W1	1
2917	BxN-RIL-353-2	.	147	517	6	2	0	0	147	2019	Preston	W2	2
2918	BxN-RIL-353-2	.	147	517	6	2	0	0	147	2019	Preston	W3	4
2919	BxN-RIL-359-9	.	289	518	6	2	0	0	289	2019	Preston	STD	2
2920	BxN-RIL-359-9	.	289	518	6	2	0	0	289	2019	Preston	V1	3
2921	BxN-RIL-359-9	.	289	518	6	2	0	0	289	2019	Preston	V2	2
2922	BxN-RIL-359-9	.	289	518	6	2	0	0	289	2019	Preston	V3	1
2923	BxN-RIL-359-9	.	289	518	6	2	0	0	289	2019	Preston	W1	2
2924	BxN-RIL-359-9	.	289	518	6	2	0	0	289	2019	Preston	W2	3
2925	BxN-RIL-359-9	.	289	518	6	2	0	0	289	2019	Preston	W3	2
2926	NorLin	6+2	715	519	6	2	1	0	715	2019	Preston	STD	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2927	NorLin	6+2	715	519	6	2	1	0	715	2019	Preston	V1	3
2928	NorLin	6+2	715	519	6	2	1	0	715	2019	Preston	V2	3
2929	NorLin	6+2	715	519	6	2	1	0	715	2019	Preston	V3	2
2930	NorLin	6+2	715	519	6	2	1	0	715	2019	Preston	W1	2
2931	NorLin	6+2	715	519	6	2	1	0	715	2019	Preston	W2	1
2932	NorLin	6+2	715	519	6	2	1	0	715	2019	Preston	W3	1
2933	NxB-RIL-361-7	.	346	520	6	2	0	0	346	2019	Preston	STD	3
2934	NxB-RIL-361-7	.	346	520	6	2	0	0	346	2019	Preston	V1	3
2935	NxB-RIL-361-7	.	346	520	6	2	0	0	346	2019	Preston	V2	2
2936	NxB-RIL-361-7	.	346	520	6	2	0	0	346	2019	Preston	V3	2
2937	NxB-RIL-361-7	.	346	520	6	2	0	0	346	2019	Preston	W1	3
2938	NxB-RIL-361-7	.	346	520	6	2	0	0	346	2019	Preston	W2	4
2939	NxB-RIL-361-7	.	346	520	6	2	0	0	346	2019	Preston	W3	2
2940	BxN-RIL-348-6	.	50	521	6	2	0	0	50	2019	Preston	STD	2
2941	BxN-RIL-348-6	.	50	521	6	2	0	0	50	2019	Preston	V1	3
2942	BxN-RIL-348-6	.	50	521	6	2	0	0	50	2019	Preston	V2	2
2943	BxN-RIL-348-6	.	50	521	6	2	0	0	50	2019	Preston	V3	1
2944	BxN-RIL-348-6	.	50	521	6	2	0	0	50	2019	Preston	W1	2
2945	BxN-RIL-348-6	.	50	521	6	2	0	0	50	2019	Preston	W2	4
2946	BxN-RIL-348-6	.	50	521	6	2	0	0	50	2019	Preston	W3	2
2947	NxB-RIL-367-18	.	503	522	6	2	0	0	503	2019	Preston	STD	3
2948	NxB-RIL-367-18	.	503	522	6	2	0	0	503	2019	Preston	V1	2
2949	NxB-RIL-367-18	.	503	522	6	2	0	0	503	2019	Preston	V2	1
2950	NxB-RIL-367-18	.	503	522	6	2	0	0	503	2019	Preston	V3	3
2951	NxB-RIL-367-18	.	503	522	6	2	0	0	503	2019	Preston	W1	2
2952	NxB-RIL-367-18	.	503	522	6	2	0	0	503	2019	Preston	W2	4
2953	NxB-RIL-367-18	.	503	522	6	2	0	0	503	2019	Preston	W3	4
2954	BxN-RIL-346-9	.	8	523	6	2	0	0	8	2019	Preston	STD	3
2955	BxN-RIL-346-9	.	8	523	6	2	0	0	8	2019	Preston	V1	2
2956	BxN-RIL-346-9	.	8	523	6	2	0	0	8	2019	Preston	V2	3
2957	BxN-RIL-346-9	.	8	523	6	2	0	0	8	2019	Preston	V3	4
2958	BxN-RIL-346-9	.	8	523	6	2	0	0	8	2019	Preston	W1	3
2959	BxN-RIL-346-9	.	8	523	6	2	0	0	8	2019	Preston	W2	6
2960	BxN-RIL-346-9	.	8	523	6	2	0	0	8	2019	Preston	W3	6
2961	Bison1	.	705	524	6	3	0	0	705	2019	Preston	STD	4
2962	Bison1	.	705	524	6	3	0	0	705	2019	Preston	V1	2
2963	Bison1	.	705	524	6	3	0	0	705	2019	Preston	V2	2
2964	Bison1	.	705	524	6	3	0	0	705	2019	Preston	V3	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
2965	Bison1	.	705	524	6	3	0	0	705	2019	Preston	W1	3
2966	Bison1	.	705	524	6	3	0	0	705	2019	Preston	W2	2
2967	Bison1	.	705	524	6	3	0	0	705	2019	Preston	W3	4
2968	BxN-RIL-359-19	.	299	525	6	3	0	0	299	2019	Preston	STD	3
2969	BxN-RIL-359-19	.	299	525	6	3	0	0	299	2019	Preston	V1	3
2970	BxN-RIL-359-19	.	299	525	6	3	0	0	299	2019	Preston	V2	1
2971	BxN-RIL-359-19	.	299	525	6	3	0	0	299	2019	Preston	V3	2
2972	BxN-RIL-359-19	.	299	525	6	3	0	0	299	2019	Preston	W1	2
2973	BxN-RIL-359-19	.	299	525	6	3	0	0	299	2019	Preston	W2	4
2974	BxN-RIL-359-19	.	299	525	6	3	0	0	299	2019	Preston	W3	1
2975	BxN-RIL-348-7	.	51	526	6	3	0	0	51	2019	Preston	STD	2
2976	BxN-RIL-348-7	.	51	526	6	3	0	0	51	2019	Preston	V1	2
2977	BxN-RIL-348-7	.	51	526	6	3	0	0	51	2019	Preston	V2	2
2978	BxN-RIL-348-7	.	51	526	6	3	0	0	51	2019	Preston	V3	1
2979	BxN-RIL-348-7	.	51	526	6	3	0	0	51	2019	Preston	W1	1
2980	BxN-RIL-348-7	.	51	526	6	3	0	0	51	2019	Preston	W2	2
2981	BxN-RIL-348-7	.	51	526	6	3	0	0	51	2019	Preston	W3	1
2982	NxB-RIL-365-21	.	458	527	6	3	0	0	458	2019	Preston	STD	2
2983	NxB-RIL-365-21	.	458	527	6	3	0	0	458	2019	Preston	V1	3
2984	NxB-RIL-365-21	.	458	527	6	3	0	0	458	2019	Preston	V2	2
2985	NxB-RIL-365-21	.	458	527	6	3	0	0	458	2019	Preston	V3	1
2986	NxB-RIL-365-21	.	458	527	6	3	0	0	458	2019	Preston	W1	2
2987	NxB-RIL-365-21	.	458	527	6	3	0	0	458	2019	Preston	W2	4
2988	NxB-RIL-365-21	.	458	527	6	3	0	0	458	2019	Preston	W3	5
2989	NorLin	6+3	715	528	6	3	1	0	715	2019	Preston	STD	3
2990	NorLin	6+3	715	528	6	3	1	0	715	2019	Preston	V1	3
2991	NorLin	6+3	715	528	6	3	1	0	715	2019	Preston	V2	2
2992	NorLin	6+3	715	528	6	3	1	0	715	2019	Preston	V3	2
2993	NorLin	6+3	715	528	6	3	1	0	715	2019	Preston	W1	2
2994	NorLin	6+3	715	528	6	3	1	0	715	2019	Preston	W2	4
2995	NorLin	6+3	715	528	6	3	1	0	715	2019	Preston	W3	2
2996	NxB-RIL-371-22	.	600	529	6	3	0	0	600	2019	Preston	STD	1
2997	NxB-RIL-371-22	.	600	529	6	3	0	0	600	2019	Preston	V1	2
2998	NxB-RIL-371-22	.	600	529	6	3	0	0	600	2019	Preston	V2	1
2999	NxB-RIL-371-22	.	600	529	6	3	0	0	600	2019	Preston	V3	1
3000	NxB-RIL-371-22	.	600	529	6	3	0	0	600	2019	Preston	W1	2
3001	NxB-RIL-371-22	.	600	529	6	3	0	0	600	2019	Preston	W2	4
3002	NxB-RIL-371-22	.	600	529	6	3	0	0	600	2019	Preston	W3	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3003	NxB-RIL-375-23	.	704	530	6	3	0	0	704	2019	Preston	STD	2
3004	NxB-RIL-375-23	.	704	530	6	3	0	0	704	2019	Preston	V1	2
3005	NxB-RIL-375-23	.	704	530	6	3	0	0	704	2019	Preston	V2	2
3006	NxB-RIL-375-23	.	704	530	6	3	0	0	704	2019	Preston	V3	2
3007	NxB-RIL-375-23	.	704	530	6	3	0	0	704	2019	Preston	W1	1
3008	NxB-RIL-375-23	.	704	530	6	3	0	0	704	2019	Preston	W2	4
3009	NxB-RIL-375-23	.	704	530	6	3	0	0	704	2019	Preston	W3	4
3010	NxB-RIL-373-30	.	655	531	6	3	0	0	655	2019	Preston	STD	3
3011	NxB-RIL-373-30	.	655	531	6	3	0	0	655	2019	Preston	V1	3
3012	NxB-RIL-373-30	.	655	531	6	3	0	0	655	2019	Preston	V2	2
3013	NxB-RIL-373-30	.	655	531	6	3	0	0	655	2019	Preston	V3	2
3014	NxB-RIL-373-30	.	655	531	6	3	0	0	655	2019	Preston	W1	4
3015	NxB-RIL-373-30	.	655	531	6	3	0	0	655	2019	Preston	W2	4
3016	NxB-RIL-373-30	.	655	531	6	3	0	0	655	2019	Preston	W3	4
3017	NxB-RIL-368-21	.	526	532	6	3	0	0	526	2019	Preston	STD	3
3018	NxB-RIL-368-21	.	526	532	6	3	0	0	526	2019	Preston	V1	3
3019	NxB-RIL-368-21	.	526	532	6	3	0	0	526	2019	Preston	V2	3
3020	NxB-RIL-368-21	.	526	532	6	3	0	0	526	2019	Preston	V3	3
3021	NxB-RIL-368-21	.	526	532	6	3	0	0	526	2019	Preston	W1	4
3022	NxB-RIL-368-21	.	526	532	6	3	0	0	526	2019	Preston	W2	5
3023	NxB-RIL-368-21	.	526	532	6	3	0	0	526	2019	Preston	W3	5
3024	BxN-RIL-347-17	.	38	533	6	4	0	0	38	2019	Preston	STD	2
3025	BxN-RIL-347-17	.	38	533	6	4	0	0	38	2019	Preston	V1	2
3026	BxN-RIL-347-17	.	38	533	6	4	0	0	38	2019	Preston	V2	2
3027	BxN-RIL-347-17	.	38	533	6	4	0	0	38	2019	Preston	V3	1
3028	BxN-RIL-347-17	.	38	533	6	4	0	0	38	2019	Preston	W1	2
3029	BxN-RIL-347-17	.	38	533	6	4	0	0	38	2019	Preston	W2	2
3030	BxN-RIL-347-17	.	38	533	6	4	0	0	38	2019	Preston	W3	2
3031	NxB-RIL-371-13	.	592	534	6	4	0	0	592	2019	Preston	STD	3
3032	NxB-RIL-371-13	.	592	534	6	4	0	0	592	2019	Preston	V1	3
3033	NxB-RIL-371-13	.	592	534	6	4	0	0	592	2019	Preston	V2	3
3034	NxB-RIL-371-13	.	592	534	6	4	0	0	592	2019	Preston	V3	1
3035	NxB-RIL-371-13	.	592	534	6	4	0	0	592	2019	Preston	W1	2
3036	NxB-RIL-371-13	.	592	534	6	4	0	0	592	2019	Preston	W2	4
3037	NxB-RIL-371-13	.	592	534	6	4	0	0	592	2019	Preston	W3	2
3038	BxN-RIL-351-22	.	122	535	6	4	0	0	122	2019	Preston	STD	2
3039	BxN-RIL-351-22	.	122	535	6	4	0	0	122	2019	Preston	V1	2
3040	BxN-RIL-351-22	.	122	535	6	4	0	0	122	2019	Preston	V2	2



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3041	BxN-RIL-351-22	.	122	535	6	4	0	0	122	2019	Preston	V3	3
3042	BxN-RIL-351-22	.	122	535	6	4	0	0	122	2019	Preston	W1	2
3043	BxN-RIL-351-22	.	122	535	6	4	0	0	122	2019	Preston	W2	5
3044	BxN-RIL-351-22	.	122	535	6	4	0	0	122	2019	Preston	W3	4
3045	NxB-RIL-372-4	.	602	536	6	4	0	0	602	2019	Preston	STD	2
3046	NxB-RIL-372-4	.	602	536	6	4	0	0	602	2019	Preston	V1	3
3047	NxB-RIL-372-4	.	602	536	6	4	0	0	602	2019	Preston	V2	2
3048	NxB-RIL-372-4	.	602	536	6	4	0	0	602	2019	Preston	V3	2
3049	NxB-RIL-372-4	.	602	536	6	4	0	0	602	2019	Preston	W1	1
3050	NxB-RIL-372-4	.	602	536	6	4	0	0	602	2019	Preston	W2	4
3051	NxB-RIL-372-4	.	602	536	6	4	0	0	602	2019	Preston	W3	2
3052	NorLin	6+4	715	537	6	4	1	0	715	2019	Preston	STD	3
3053	NorLin	6+4	715	537	6	4	1	0	715	2019	Preston	V1	3
3054	NorLin	6+4	715	537	6	4	1	0	715	2019	Preston	V2	2
3055	NorLin	6+4	715	537	6	4	1	0	715	2019	Preston	V3	2
3056	NorLin	6+4	715	537	6	4	1	0	715	2019	Preston	W1	2
3057	NorLin	6+4	715	537	6	4	1	0	715	2019	Preston	W2	4
3058	NorLin	6+4	715	537	6	4	1	0	715	2019	Preston	W3	1
3059	NxB-RIL-369-23	.	554	538	6	4	0	0	554	2019	Preston	STD	2
3060	NxB-RIL-369-23	.	554	538	6	4	0	0	554	2019	Preston	V1	2
3061	NxB-RIL-369-23	.	554	538	6	4	0	0	554	2019	Preston	V2	1
3062	NxB-RIL-369-23	.	554	538	6	4	0	0	554	2019	Preston	V3	1
3063	NxB-RIL-369-23	.	554	538	6	4	0	0	554	2019	Preston	W1	1
3064	NxB-RIL-369-23	.	554	538	6	4	0	0	554	2019	Preston	W2	3
3065	NxB-RIL-369-23	.	554	538	6	4	0	0	554	2019	Preston	W3	1
3066	BxN-RIL-356-21	.	230	539	6	4	0	0	230	2019	Preston	STD	3
3067	BxN-RIL-356-21	.	230	539	6	4	0	0	230	2019	Preston	V1	3
3068	BxN-RIL-356-21	.	230	539	6	4	0	0	230	2019	Preston	V2	2
3069	BxN-RIL-356-21	.	230	539	6	4	0	0	230	2019	Preston	V3	3
3070	BxN-RIL-356-21	.	230	539	6	4	0	0	230	2019	Preston	W1	4
3071	BxN-RIL-356-21	.	230	539	6	4	0	0	230	2019	Preston	W2	4
3072	BxN-RIL-356-21	.	230	539	6	4	0	0	230	2019	Preston	W3	4
3073	BxN-RIL-357-26	.	253	540	6	4	0	0	253	2019	Preston	STD	2
3074	BxN-RIL-357-26	.	253	540	6	4	0	0	253	2019	Preston	V1	2
3075	BxN-RIL-357-26	.	253	540	6	4	0	0	253	2019	Preston	V2	2
3076	BxN-RIL-357-26	.	253	540	6	4	0	0	253	2019	Preston	V3	2
3077	BxN-RIL-357-26	.	253	540	6	4	0	0	253	2019	Preston	W1	3
3078	BxN-RIL-357-26	.	253	540	6	4	0	0	253	2019	Preston	W2	5

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3079	BxN-RIL-357-26	.	253	540	6	4	0	0	253	2019	Preston	W3	6
3080	BxN-RIL-352-14	.	133	541	6	4	0	0	133	2019	Preston	STD	3
3081	BxN-RIL-352-14	.	133	541	6	4	0	0	133	2019	Preston	V1	2
3082	BxN-RIL-352-14	.	133	541	6	4	0	0	133	2019	Preston	V2	1
3083	BxN-RIL-352-14	.	133	541	6	4	0	0	133	2019	Preston	V3	1
3084	BxN-RIL-352-14	.	133	541	6	4	0	0	133	2019	Preston	W1	1
3085	BxN-RIL-352-14	.	133	541	6	4	0	0	133	2019	Preston	W2	4
3086	BxN-RIL-352-14	.	133	541	6	4	0	0	133	2019	Preston	W3	4
3087	BxN-RIL-353-17	.	162	542	6	5	0	0	162	2019	Preston	STD	2
3088	BxN-RIL-353-17	.	162	542	6	5	0	0	162	2019	Preston	V1	3
3089	BxN-RIL-353-17	.	162	542	6	5	0	0	162	2019	Preston	V2	2
3090	BxN-RIL-353-17	.	162	542	6	5	0	0	162	2019	Preston	V3	2
3091	BxN-RIL-353-17	.	162	542	6	5	0	0	162	2019	Preston	W1	4
3092	BxN-RIL-353-17	.	162	542	6	5	0	0	162	2019	Preston	W2	3
3093	BxN-RIL-353-17	.	162	542	6	5	0	0	162	2019	Preston	W3	4
3094	NxB-RIL-365-12	.	451	543	6	5	0	0	451	2019	Preston	STD	2
3095	NxB-RIL-365-12	.	451	543	6	5	0	0	451	2019	Preston	V1	1
3096	NxB-RIL-365-12	.	451	543	6	5	0	0	451	2019	Preston	V2	1
3097	NxB-RIL-365-12	.	451	543	6	5	0	0	451	2019	Preston	V3	1
3098	NxB-RIL-365-12	.	451	543	6	5	0	0	451	2019	Preston	W1	1
3099	NxB-RIL-365-12	.	451	543	6	5	0	0	451	2019	Preston	W2	3
3100	NxB-RIL-365-12	.	451	543	6	5	0	0	451	2019	Preston	W3	1
3101	NxB-RIL-364-2	.	418	544	6	5	0	0	418	2019	Preston	STD	3
3102	NxB-RIL-364-2	.	418	544	6	5	0	0	418	2019	Preston	V1	2
3103	NxB-RIL-364-2	.	418	544	6	5	0	0	418	2019	Preston	V2	3
3104	NxB-RIL-364-2	.	418	544	6	5	0	0	418	2019	Preston	V3	2
3105	NxB-RIL-364-2	.	418	544	6	5	0	0	418	2019	Preston	W1	1
3106	NxB-RIL-364-2	.	418	544	6	5	0	0	418	2019	Preston	W2	4
3107	NxB-RIL-364-2	.	418	544	6	5	0	0	418	2019	Preston	W3	2
3108	NxB-RIL-366-9	.	473	545	6	5	0	0	473	2019	Preston	STD	2
3109	NxB-RIL-366-9	.	473	545	6	5	0	0	473	2019	Preston	V1	2
3110	NxB-RIL-366-9	.	473	545	6	5	0	0	473	2019	Preston	V2	3
3111	NxB-RIL-366-9	.	473	545	6	5	0	0	473	2019	Preston	V3	3
3112	NxB-RIL-366-9	.	473	545	6	5	0	0	473	2019	Preston	W1	0
3113	NxB-RIL-366-9	.	473	545	6	5	0	0	473	2019	Preston	W2	2
3114	NxB-RIL-366-9	.	473	545	6	5	0	0	473	2019	Preston	W3	2
3115	NorLin	6+5	715	546	6	5	1	0	715	2019	Preston	STD	2
3116	NorLin	6+5	715	546	6	5	1	0	715	2019	Preston	V1	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3117	NorLin	6+5	715	546	6	5	1	0	715	2019	Preston	V2	1
3118	NorLin	6+5	715	546	6	5	1	0	715	2019	Preston	V3	1
3119	NorLin	6+5	715	546	6	5	1	0	715	2019	Preston	W1	2
3120	NorLin	6+5	715	546	6	5	1	0	715	2019	Preston	W2	4
3121	NorLin	6+5	715	546	6	5	1	0	715	2019	Preston	W3	1
3122	BxN-RIL-355-3	.	193	547	6	5	0	0	193	2019	Preston	STD	3
3123	BxN-RIL-355-3	.	193	547	6	5	0	0	193	2019	Preston	V1	3
3124	BxN-RIL-355-3	.	193	547	6	5	0	0	193	2019	Preston	V2	2
3125	BxN-RIL-355-3	.	193	547	6	5	0	0	193	2019	Preston	V3	3
3126	BxN-RIL-355-3	.	193	547	6	5	0	0	193	2019	Preston	W1	6
3127	BxN-RIL-355-3	.	193	547	6	5	0	0	193	2019	Preston	W2	7
3128	BxN-RIL-355-3	.	193	547	6	5	0	0	193	2019	Preston	W3	6
3129	BxN-RIL-356-19	.	228	548	6	5	0	0	228	2019	Preston	STD	3
3130	BxN-RIL-356-19	.	228	548	6	5	0	0	228	2019	Preston	V1	3
3131	BxN-RIL-356-19	.	228	548	6	5	0	0	228	2019	Preston	V2	2
3132	BxN-RIL-356-19	.	228	548	6	5	0	0	228	2019	Preston	V3	3
3133	BxN-RIL-356-19	.	228	548	6	5	0	0	228	2019	Preston	W1	4
3134	BxN-RIL-356-19	.	228	548	6	5	0	0	228	2019	Preston	W2	4
3135	BxN-RIL-356-19	.	228	548	6	5	0	0	228	2019	Preston	W3	4
3136	NxB-RIL-361-20	.	359	549	6	5	0	0	359	2019	Preston	STD	3
3137	NxB-RIL-361-20	.	359	549	6	5	0	0	359	2019	Preston	V1	2
3138	NxB-RIL-361-20	.	359	549	6	5	0	0	359	2019	Preston	V2	2
3139	NxB-RIL-361-20	.	359	549	6	5	0	0	359	2019	Preston	V3	3
3140	NxB-RIL-361-20	.	359	549	6	5	0	0	359	2019	Preston	W1	5
3141	NxB-RIL-361-20	.	359	549	6	5	0	0	359	2019	Preston	W2	5
3142	NxB-RIL-361-20	.	359	549	6	5	0	0	359	2019	Preston	W3	5
3143	NxB-RIL-362-31	.	395	550	6	5	0	0	395	2019	Preston	STD	3
3144	NxB-RIL-362-31	.	395	550	6	5	0	0	395	2019	Preston	V1	3
3145	NxB-RIL-362-31	.	395	550	6	5	0	0	395	2019	Preston	V2	3
3146	NxB-RIL-362-31	.	395	550	6	5	0	0	395	2019	Preston	V3	2
3147	NxB-RIL-362-31	.	395	550	6	5	0	0	395	2019	Preston	W1	1
3148	NxB-RIL-362-31	.	395	550	6	5	0	0	395	2019	Preston	W2	4
3149	NxB-RIL-362-31	.	395	550	6	5	0	0	395	2019	Preston	W3	1
3150	NxB-RIL-370-23	.	577	551	6	6	0	0	577	2019	Preston	STD	3
3151	NxB-RIL-370-23	.	577	551	6	6	0	0	577	2019	Preston	V1	4
3152	NxB-RIL-370-23	.	577	551	6	6	0	0	577	2019	Preston	V2	3
3153	NxB-RIL-370-23	.	577	551	6	6	0	0	577	2019	Preston	V3	2
3154	NxB-RIL-370-23	.	577	551	6	6	0	0	577	2019	Preston	W1	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3155	NxB-RIL-370-23	.	577	551	6	6	0	0	577	2019	Preston	W2	5
3156	NxB-RIL-370-23	.	577	551	6	6	0	0	577	2019	Preston	W3	4
3157	NxB-RIL-374-25	.	676	552	6	6	0	0	676	2019	Preston	STD	2
3158	NxB-RIL-374-25	.	676	552	6	6	0	0	676	2019	Preston	V1	3
3159	NxB-RIL-374-25	.	676	552	6	6	0	0	676	2019	Preston	V2	3
3160	NxB-RIL-374-25	.	676	552	6	6	0	0	676	2019	Preston	V3	4
3161	NxB-RIL-374-25	.	676	552	6	6	0	0	676	2019	Preston	W1	0
3162	NxB-RIL-374-25	.	676	552	6	6	0	0	676	2019	Preston	W2	4
3163	NxB-RIL-374-25	.	676	552	6	6	0	0	676	2019	Preston	W3	2
3164	BxN-RIL-347-6	.	28	553	6	6	0	0	28	2019	Preston	STD	2
3165	BxN-RIL-347-6	.	28	553	6	6	0	0	28	2019	Preston	V1	2
3166	BxN-RIL-347-6	.	28	553	6	6	0	0	28	2019	Preston	V2	2
3167	BxN-RIL-347-6	.	28	553	6	6	0	0	28	2019	Preston	V3	1
3168	BxN-RIL-347-6	.	28	553	6	6	0	0	28	2019	Preston	W1	0
3169	BxN-RIL-347-6	.	28	553	6	6	0	0	28	2019	Preston	W2	1
3170	BxN-RIL-347-6	.	28	553	6	6	0	0	28	2019	Preston	W3	2
3171	NxB-RIL-364-12	.	428	554	6	6	0	0	428	2019	Preston	STD	1
3172	NxB-RIL-364-12	.	428	554	6	6	0	0	428	2019	Preston	V1	2
3173	NxB-RIL-364-12	.	428	554	6	6	0	0	428	2019	Preston	V2	3
3174	NxB-RIL-364-12	.	428	554	6	6	0	0	428	2019	Preston	V3	2
3175	NxB-RIL-364-12	.	428	554	6	6	0	0	428	2019	Preston	W1	2
3176	NxB-RIL-364-12	.	428	554	6	6	0	0	428	2019	Preston	W2	4
3177	NxB-RIL-364-12	.	428	554	6	6	0	0	428	2019	Preston	W3	3
3178	NorLin	6+6	715	555	6	6	1	0	715	2019	Preston	STD	1
3179	NorLin	6+6	715	555	6	6	1	0	715	2019	Preston	V1	2
3180	NorLin	6+6	715	555	6	6	1	0	715	2019	Preston	V2	1
3181	NorLin	6+6	715	555	6	6	1	0	715	2019	Preston	V3	2
3182	NorLin	6+6	715	555	6	6	1	0	715	2019	Preston	W1	0
3183	NorLin	6+6	715	555	6	6	1	0	715	2019	Preston	W2	4
3184	NorLin	6+6	715	555	6	6	1	0	715	2019	Preston	W3	2
3185	NxB-RIL-365-10	.	449	556	6	6	0	0	449	2019	Preston	STD	2
3186	NxB-RIL-365-10	.	449	556	6	6	0	0	449	2019	Preston	V1	2
3187	NxB-RIL-365-10	.	449	556	6	6	0	0	449	2019	Preston	V2	1
3188	NxB-RIL-365-10	.	449	556	6	6	0	0	449	2019	Preston	V3	1
3189	NxB-RIL-365-10	.	449	556	6	6	0	0	449	2019	Preston	W1	0
3190	NxB-RIL-365-10	.	449	556	6	6	0	0	449	2019	Preston	W2	4
3191	NxB-RIL-365-10	.	449	556	6	6	0	0	449	2019	Preston	W3	4
3192	NxB-RIL-366-16	.	479	557	6	6	0	0	479	2019	Preston	STD	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3193	NxB-RIL-366-16	.	479	557	6	6	0	0	479	2019	Preston	V1	3
3194	NxB-RIL-366-16	.	479	557	6	6	0	0	479	2019	Preston	V2	2
3195	NxB-RIL-366-16	.	479	557	6	6	0	0	479	2019	Preston	V3	1
3196	NxB-RIL-366-16	.	479	557	6	6	0	0	479	2019	Preston	W1	2
3197	NxB-RIL-366-16	.	479	557	6	6	0	0	479	2019	Preston	W2	4
3198	NxB-RIL-366-16	.	479	557	6	6	0	0	479	2019	Preston	W3	4
3199	BxN-RIL-358-3	.	259	558	6	6	0	0	259	2019	Preston	STD	2
3200	BxN-RIL-358-3	.	259	558	6	6	0	0	259	2019	Preston	V1	2
3201	BxN-RIL-358-3	.	259	558	6	6	0	0	259	2019	Preston	V2	4
3202	BxN-RIL-358-3	.	259	558	6	6	0	0	259	2019	Preston	V3	3
3203	BxN-RIL-358-3	.	259	558	6	6	0	0	259	2019	Preston	W1	3
3204	BxN-RIL-358-3	.	259	558	6	6	0	0	259	2019	Preston	W2	4
3205	BxN-RIL-358-3	.	259	558	6	6	0	0	259	2019	Preston	W3	5
3206	NxB-RIL-371-11	.	590	559	6	6	0	0	590	2019	Preston	STD	2
3207	NxB-RIL-371-11	.	590	559	6	6	0	0	590	2019	Preston	V1	2
3208	NxB-RIL-371-11	.	590	559	6	6	0	0	590	2019	Preston	V2	1
3209	NxB-RIL-371-11	.	590	559	6	6	0	0	590	2019	Preston	V3	1
3210	NxB-RIL-371-11	.	590	559	6	6	0	0	590	2019	Preston	W1	4
3211	NxB-RIL-371-11	.	590	559	6	6	0	0	590	2019	Preston	W2	4
3212	NxB-RIL-371-11	.	590	559	6	6	0	0	590	2019	Preston	W3	4
3213	NxB-RIL-367-7	.	493	560	6	7	0	0	493	2019	Preston	STD	2
3214	NxB-RIL-367-7	.	493	560	6	7	0	0	493	2019	Preston	V1	2
3215	NxB-RIL-367-7	.	493	560	6	7	0	0	493	2019	Preston	V2	2
3216	NxB-RIL-367-7	.	493	560	6	7	0	0	493	2019	Preston	V3	1
3217	NxB-RIL-367-7	.	493	560	6	7	0	0	493	2019	Preston	W1	1
3218	NxB-RIL-367-7	.	493	560	6	7	0	0	493	2019	Preston	W2	4
3219	NxB-RIL-367-7	.	493	560	6	7	0	0	493	2019	Preston	W3	4
3220	NxB-RIL-365-14	.	453	561	6	7	0	0	453	2019	Preston	STD	1
3221	NxB-RIL-365-14	.	453	561	6	7	0	0	453	2019	Preston	V1	1
3222	NxB-RIL-365-14	.	453	561	6	7	0	0	453	2019	Preston	V2	1
3223	NxB-RIL-365-14	.	453	561	6	7	0	0	453	2019	Preston	V3	1
3224	NxB-RIL-365-14	.	453	561	6	7	0	0	453	2019	Preston	W1	4
3225	NxB-RIL-365-14	.	453	561	6	7	0	0	453	2019	Preston	W2	3
3226	NxB-RIL-365-14	.	453	561	6	7	0	0	453	2019	Preston	W3	3
3227	BxN-RIL-353-5	.	150	562	6	7	0	0	150	2019	Preston	STD	2
3228	BxN-RIL-353-5	.	150	562	6	7	0	0	150	2019	Preston	V1	1
3229	BxN-RIL-353-5	.	150	562	6	7	0	0	150	2019	Preston	V2	1
3230	BxN-RIL-353-5	.	150	562	6	7	0	0	150	2019	Preston	V3	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3231	BxN-RIL-353-5	.	150	562	6	7	0	0	150	2019	Preston	W1	0
3232	BxN-RIL-353-5	.	150	562	6	7	0	0	150	2019	Preston	W2	2
3233	BxN-RIL-353-5	.	150	562	6	7	0	0	150	2019	Preston	W3	2
3234	BxN-RIL-355-13	.	201	563	6	7	0	0	201	2019	Preston	STD	2
3235	BxN-RIL-355-13	.	201	563	6	7	0	0	201	2019	Preston	V1	2
3236	BxN-RIL-355-13	.	201	563	6	7	0	0	201	2019	Preston	V2	1
3237	BxN-RIL-355-13	.	201	563	6	7	0	0	201	2019	Preston	V3	2
3238	BxN-RIL-355-13	.	201	563	6	7	0	0	201	2019	Preston	W1	1
3239	BxN-RIL-355-13	.	201	563	6	7	0	0	201	2019	Preston	W2	4
3240	BxN-RIL-355-13	.	201	563	6	7	0	0	201	2019	Preston	W3	1
3241	NorLin	6+7	715	564	6	7	1	0	715	2019	Preston	STD	3
3242	NorLin	6+7	715	564	6	7	1	0	715	2019	Preston	V1	2
3243	NorLin	6+7	715	564	6	7	1	0	715	2019	Preston	V2	2
3244	NorLin	6+7	715	564	6	7	1	0	715	2019	Preston	V3	2
3245	NorLin	6+7	715	564	6	7	1	0	715	2019	Preston	W1	4
3246	NorLin	6+7	715	564	6	7	1	0	715	2019	Preston	W2	4
3247	NorLin	6+7	715	564	6	7	1	0	715	2019	Preston	W3	2
3248	NxB-RIL-369-9	.	542	565	6	7	0	0	542	2019	Preston	STD	2
3249	NxB-RIL-369-9	.	542	565	6	7	0	0	542	2019	Preston	V1	3
3250	NxB-RIL-369-9	.	542	565	6	7	0	0	542	2019	Preston	V2	3
3251	NxB-RIL-369-9	.	542	565	6	7	0	0	542	2019	Preston	V3	3
3252	NxB-RIL-369-9	.	542	565	6	7	0	0	542	2019	Preston	W1	4
3253	NxB-RIL-369-9	.	542	565	6	7	0	0	542	2019	Preston	W2	5
3254	NxB-RIL-369-9	.	542	565	6	7	0	0	542	2019	Preston	W3	3
3255	Novelty	6+7	717	566	6	7	0	2	717	2019	Preston	STD	5
3256	Novelty	6+7	717	566	6	7	0	2	717	2019	Preston	V1	5
3257	Novelty	6+7	717	566	6	7	0	2	717	2019	Preston	V2	3
3258	Novelty	6+7	717	566	6	7	0	2	717	2019	Preston	V3	3
3259	Novelty	6+7	717	566	6	7	0	2	717	2019	Preston	W1	5
3260	Novelty	6+7	717	566	6	7	0	2	717	2019	Preston	W2	4
3261	Novelty	6+7	717	566	6	7	0	2	717	2019	Preston	W3	2
3262	Flanders	6+7	716	567	6	7	0	1	716	2019	Preston	STD	4
3263	Flanders	6+7	716	567	6	7	0	1	716	2019	Preston	V1	4
3264	Flanders	6+7	716	567	6	7	0	1	716	2019	Preston	V2	3
3265	Flanders	6+7	716	567	6	7	0	1	716	2019	Preston	V3	3
3266	Flanders	6+7	716	567	6	7	0	1	716	2019	Preston	W1	0
3267	Flanders	6+7	716	567	6	7	0	1	716	2019	Preston	W2	1
3268	Flanders	6+7	716	567	6	7	0	1	716	2019	Preston	W3	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3269	BxN-RIL-355-2	.	192	568	6	7	0	0	192	2019	Preston	STD	3
3270	BxN-RIL-355-2	.	192	568	6	7	0	0	192	2019	Preston	V1	2
3271	BxN-RIL-355-2	.	192	568	6	7	0	0	192	2019	Preston	V2	2
3272	BxN-RIL-355-2	.	192	568	6	7	0	0	192	2019	Preston	V3	1
3273	BxN-RIL-355-2	.	192	568	6	7	0	0	192	2019	Preston	W1	0
3274	BxN-RIL-355-2	.	192	568	6	7	0	0	192	2019	Preston	W2	4
3275	BxN-RIL-355-2	.	192	568	6	7	0	0	192	2019	Preston	W3	2
3276	BxN-RIL-352-17	.	136	569	6	8	0	0	136	2019	Preston	STD	4
3277	BxN-RIL-352-17	.	136	569	6	8	0	0	136	2019	Preston	V1	4
3278	BxN-RIL-352-17	.	136	569	6	8	0	0	136	2019	Preston	V2	3
3279	BxN-RIL-352-17	.	136	569	6	8	0	0	136	2019	Preston	V3	3
3280	BxN-RIL-352-17	.	136	569	6	8	0	0	136	2019	Preston	W1	5
3281	BxN-RIL-352-17	.	136	569	6	8	0	0	136	2019	Preston	W2	4
3282	BxN-RIL-352-17	.	136	569	6	8	0	0	136	2019	Preston	W3	3
3283	BxN-RIL-353-6	.	151	570	6	8	0	0	151	2019	Preston	STD	2
3284	BxN-RIL-353-6	.	151	570	6	8	0	0	151	2019	Preston	V1	1
3285	BxN-RIL-353-6	.	151	570	6	8	0	0	151	2019	Preston	V2	1
3286	BxN-RIL-353-6	.	151	570	6	8	0	0	151	2019	Preston	V3	2
3287	BxN-RIL-353-6	.	151	570	6	8	0	0	151	2019	Preston	W1	1
3288	BxN-RIL-353-6	.	151	570	6	8	0	0	151	2019	Preston	W2	2
3289	BxN-RIL-353-6	.	151	570	6	8	0	0	151	2019	Preston	W3	2
3290	NxB-RIL-375-15	.	697	571	6	8	0	0	697	2019	Preston	STD	2
3291	NxB-RIL-375-15	.	697	571	6	8	0	0	697	2019	Preston	V1	2
3292	NxB-RIL-375-15	.	697	571	6	8	0	0	697	2019	Preston	V2	2
3293	NxB-RIL-375-15	.	697	571	6	8	0	0	697	2019	Preston	V3	2
3294	NxB-RIL-375-15	.	697	571	6	8	0	0	697	2019	Preston	W1	2
3295	NxB-RIL-375-15	.	697	571	6	8	0	0	697	2019	Preston	W2	3
3296	NxB-RIL-375-15	.	697	571	6	8	0	0	697	2019	Preston	W3	3
3297	BxN-RIL-348-9	.	53	572	6	8	0	0	53	2019	Preston	STD	2
3298	BxN-RIL-348-9	.	53	572	6	8	0	0	53	2019	Preston	V1	2
3299	BxN-RIL-348-9	.	53	572	6	8	0	0	53	2019	Preston	V2	2
3300	BxN-RIL-348-9	.	53	572	6	8	0	0	53	2019	Preston	V3	3
3301	BxN-RIL-348-9	.	53	572	6	8	0	0	53	2019	Preston	W1	2
3302	BxN-RIL-348-9	.	53	572	6	8	0	0	53	2019	Preston	W2	4
3303	BxN-RIL-348-9	.	53	572	6	8	0	0	53	2019	Preston	W3	4
3304	NorLin	6+8	715	573	6	8	1	0	715	2019	Preston	STD	2
3305	NorLin	6+8	715	573	6	8	1	0	715	2019	Preston	V1	2
3306	NorLin	6+8	715	573	6	8	1	0	715	2019	Preston	V2	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3307	NorLin	6+8	715	573	6	8	1	0	715	2019	Preston	V3	2
3308	NorLin	6+8	715	573	6	8	1	0	715	2019	Preston	W1	0
3309	NorLin	6+8	715	573	6	8	1	0	715	2019	Preston	W2	4
3310	NorLin	6+8	715	573	6	8	1	0	715	2019	Preston	W3	2
3311	BxN-RIL-350-12	.	97	574	6	8	0	0	97	2019	Preston	STD	1
3312	BxN-RIL-350-12	.	97	574	6	8	0	0	97	2019	Preston	V1	2
3313	BxN-RIL-350-12	.	97	574	6	8	0	0	97	2019	Preston	V2	3
3314	BxN-RIL-350-12	.	97	574	6	8	0	0	97	2019	Preston	V3	1
3315	BxN-RIL-350-12	.	97	574	6	8	0	0	97	2019	Preston	W1	0
3316	BxN-RIL-350-12	.	97	574	6	8	0	0	97	2019	Preston	W2	4
3317	BxN-RIL-350-12	.	97	574	6	8	0	0	97	2019	Preston	W3	4
3318	NxB-RIL-361-28	.	367	575	6	8	0	0	367	2019	Preston	STD	1
3319	NxB-RIL-361-28	.	367	575	6	8	0	0	367	2019	Preston	V1	2
3320	NxB-RIL-361-28	.	367	575	6	8	0	0	367	2019	Preston	V2	2
3321	NxB-RIL-361-28	.	367	575	6	8	0	0	367	2019	Preston	V3	1
3322	NxB-RIL-361-28	.	367	575	6	8	0	0	367	2019	Preston	W1	0
3323	NxB-RIL-361-28	.	367	575	6	8	0	0	367	2019	Preston	W2	4
3324	NxB-RIL-361-28	.	367	575	6	8	0	0	367	2019	Preston	W3	4
3325	BxN-RIL-350-3	.	90	576	6	8	0	0	90	2019	Preston	STD	1
3326	BxN-RIL-350-3	.	90	576	6	8	0	0	90	2019	Preston	V1	2
3327	BxN-RIL-350-3	.	90	576	6	8	0	0	90	2019	Preston	V2	2
3328	BxN-RIL-350-3	.	90	576	6	8	0	0	90	2019	Preston	V3	1
3329	BxN-RIL-350-3	.	90	576	6	8	0	0	90	2019	Preston	W1	1
3330	BxN-RIL-350-3	.	90	576	6	8	0	0	90	2019	Preston	W2	4
3331	BxN-RIL-350-3	.	90	576	6	8	0	0	90	2019	Preston	W3	3
3332	BxN-RIL-359-24	.	303	577	6	8	0	0	303	2019	Preston	STD	1
3333	BxN-RIL-359-24	.	303	577	6	8	0	0	303	2019	Preston	V1	2
3334	BxN-RIL-359-24	.	303	577	6	8	0	0	303	2019	Preston	V2	1
3335	BxN-RIL-359-24	.	303	577	6	8	0	0	303	2019	Preston	V3	1
3336	BxN-RIL-359-24	.	303	577	6	8	0	0	303	2019	Preston	W1	0
3337	BxN-RIL-359-24	.	303	577	6	8	0	0	303	2019	Preston	W2	4
3338	BxN-RIL-359-24	.	303	577	6	8	0	0	303	2019	Preston	W3	2
3339	BxN-RIL-349-5	.	71	578	6	9	0	0	71	2019	Preston	STD	2
3340	BxN-RIL-349-5	.	71	578	6	9	0	0	71	2019	Preston	V1	3
3341	BxN-RIL-349-5	.	71	578	6	9	0	0	71	2019	Preston	V2	2
3342	BxN-RIL-349-5	.	71	578	6	9	0	0	71	2019	Preston	V3	1
3343	BxN-RIL-349-5	.	71	578	6	9	0	0	71	2019	Preston	W1	4
3344	BxN-RIL-349-5	.	71	578	6	9	0	0	71	2019	Preston	W2	4



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3345	BxN-RIL-349-5	.	71	578	6	9	0	0	71	2019	Preston	W3	3
3346	BxN-RIL-358-31	.	281	579	6	9	0	0	281	2019	Preston	STD	2
3347	BxN-RIL-358-31	.	281	579	6	9	0	0	281	2019	Preston	V1	2
3348	BxN-RIL-358-31	.	281	579	6	9	0	0	281	2019	Preston	V2	3
3349	BxN-RIL-358-31	.	281	579	6	9	0	0	281	2019	Preston	V3	2
3350	BxN-RIL-358-31	.	281	579	6	9	0	0	281	2019	Preston	W1	4
3351	BxN-RIL-358-31	.	281	579	6	9	0	0	281	2019	Preston	W2	4
3352	BxN-RIL-358-31	.	281	579	6	9	0	0	281	2019	Preston	W3	1
3353	BxN-RIL-349-4	.	70	580	6	9	0	0	70	2019	Preston	STD	2
3354	BxN-RIL-349-4	.	70	580	6	9	0	0	70	2019	Preston	V1	2
3355	BxN-RIL-349-4	.	70	580	6	9	0	0	70	2019	Preston	V2	2
3356	BxN-RIL-349-4	.	70	580	6	9	0	0	70	2019	Preston	V3	2
3357	BxN-RIL-349-4	.	70	580	6	9	0	0	70	2019	Preston	W1	4
3358	BxN-RIL-349-4	.	70	580	6	9	0	0	70	2019	Preston	W2	4
3359	BxN-RIL-349-4	.	70	580	6	9	0	0	70	2019	Preston	W3	4
3360	NxB-RIL-368-9	.	517	581	6	9	0	0	517	2019	Preston	STD	2
3361	NxB-RIL-368-9	.	517	581	6	9	0	0	517	2019	Preston	V1	2
3362	NxB-RIL-368-9	.	517	581	6	9	0	0	517	2019	Preston	V2	2
3363	NxB-RIL-368-9	.	517	581	6	9	0	0	517	2019	Preston	V3	1
3364	NxB-RIL-368-9	.	517	581	6	9	0	0	517	2019	Preston	W1	4
3365	NxB-RIL-368-9	.	517	581	6	9	0	0	517	2019	Preston	W2	4
3366	NxB-RIL-368-9	.	517	581	6	9	0	0	517	2019	Preston	W3	2
3367	NorLin	6+9	715	582	6	9	1	0	715	2019	Preston	STD	3
3368	NorLin	6+9	715	582	6	9	1	0	715	2019	Preston	V1	3
3369	NorLin	6+9	715	582	6	9	1	0	715	2019	Preston	V2	3
3370	NorLin	6+9	715	582	6	9	1	0	715	2019	Preston	V3	2
3371	NorLin	6+9	715	582	6	9	1	0	715	2019	Preston	W1	0
3372	NorLin	6+9	715	582	6	9	1	0	715	2019	Preston	W2	3
3373	NorLin	6+9	715	582	6	9	1	0	715	2019	Preston	W3	2
3374	NxB-RIL-367-25	.	510	583	6	9	0	0	510	2019	Preston	STD	2
3375	NxB-RIL-367-25	.	510	583	6	9	0	0	510	2019	Preston	V1	3
3376	NxB-RIL-367-25	.	510	583	6	9	0	0	510	2019	Preston	V2	4
3377	NxB-RIL-367-25	.	510	583	6	9	0	0	510	2019	Preston	V3	2
3378	NxB-RIL-367-25	.	510	583	6	9	0	0	510	2019	Preston	W1	0
3379	NxB-RIL-367-25	.	510	583	6	9	0	0	510	2019	Preston	W2	2
3380	NxB-RIL-367-25	.	510	583	6	9	0	0	510	2019	Preston	W3	1
3381	BxN-RIL-360-2	.	312	584	6	9	0	0	312	2019	Preston	STD	2
3382	BxN-RIL-360-2	.	312	584	6	9	0	0	312	2019	Preston	V1	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3383	BxN-RIL-360-2	.	312	584	6	9	0	0	312	2019	Preston	V2	2
3384	BxN-RIL-360-2	.	312	584	6	9	0	0	312	2019	Preston	V3	2
3385	BxN-RIL-360-2	.	312	584	6	9	0	0	312	2019	Preston	W1	0
3386	BxN-RIL-360-2	.	312	584	6	9	0	0	312	2019	Preston	W2	1
3387	BxN-RIL-360-2	.	312	584	6	9	0	0	312	2019	Preston	W3	3
3388	NxB-RIL-362-28	.	393	585	6	9	0	0	393	2019	Preston	STD	1
3389	NxB-RIL-362-28	.	393	585	6	9	0	0	393	2019	Preston	V1	1
3390	NxB-RIL-362-28	.	393	585	6	9	0	0	393	2019	Preston	V2	1
3391	NxB-RIL-362-28	.	393	585	6	9	0	0	393	2019	Preston	V3	1
3392	NxB-RIL-362-28	.	393	585	6	9	0	0	393	2019	Preston	W1	1
3393	NxB-RIL-362-28	.	393	585	6	9	0	0	393	2019	Preston	W2	4
3394	NxB-RIL-362-28	.	393	585	6	9	0	0	393	2019	Preston	W3	4
3395	NxB-RIL-375-2	.	684	586	6	9	0	0	684	2019	Preston	STD	4
3396	NxB-RIL-375-2	.	684	586	6	9	0	0	684	2019	Preston	V1	3
3397	NxB-RIL-375-2	.	684	586	6	9	0	0	684	2019	Preston	V2	4
3398	NxB-RIL-375-2	.	684	586	6	9	0	0	684	2019	Preston	V3	4
3399	NxB-RIL-375-2	.	684	586	6	9	0	0	684	2019	Preston	W1	4
3400	NxB-RIL-375-2	.	684	586	6	9	0	0	684	2019	Preston	W2	5
3401	NxB-RIL-375-2	.	684	586	6	9	0	0	684	2019	Preston	W3	4
3402	NxB-RIL-367-2	.	489	587	7	1	0	0	489	2019	Preston	STD	3
3403	NxB-RIL-367-2	.	489	587	7	1	0	0	489	2019	Preston	V1	3
3404	NxB-RIL-367-2	.	489	587	7	1	0	0	489	2019	Preston	V2	1
3405	NxB-RIL-367-2	.	489	587	7	1	0	0	489	2019	Preston	V3	1
3406	NxB-RIL-367-2	.	489	587	7	1	0	0	489	2019	Preston	W1	6
3407	NxB-RIL-367-2	.	489	587	7	1	0	0	489	2019	Preston	W2	1
3408	NxB-RIL-367-2	.	489	587	7	1	0	0	489	2019	Preston	W3	2
3409	BxN-RIL-359-6	.	286	588	7	1	0	0	286	2019	Preston	STD	3
3410	BxN-RIL-359-6	.	286	588	7	1	0	0	286	2019	Preston	V1	2
3411	BxN-RIL-359-6	.	286	588	7	1	0	0	286	2019	Preston	V2	2
3412	BxN-RIL-359-6	.	286	588	7	1	0	0	286	2019	Preston	V3	1
3413	BxN-RIL-359-6	.	286	588	7	1	0	0	286	2019	Preston	W1	4
3414	BxN-RIL-359-6	.	286	588	7	1	0	0	286	2019	Preston	W2	5
3415	BxN-RIL-359-6	.	286	588	7	1	0	0	286	2019	Preston	W3	5
3416	BxN-RIL-352-11	.	130	589	7	1	0	0	130	2019	Preston	STD	3
3417	BxN-RIL-352-11	.	130	589	7	1	0	0	130	2019	Preston	V1	3
3418	BxN-RIL-352-11	.	130	589	7	1	0	0	130	2019	Preston	V2	1
3419	BxN-RIL-352-11	.	130	589	7	1	0	0	130	2019	Preston	V3	1
3420	BxN-RIL-352-11	.	130	589	7	1	0	0	130	2019	Preston	W1	5

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3421	BxN-RIL-352-11	.	130	589	7	1	0	0	130	2019	Preston	W2	5
3422	BxN-RIL-352-11	.	130	589	7	1	0	0	130	2019	Preston	W3	8
3423	BxN-RIL-349-24	.	87	590	7	1	0	0	87	2019	Preston	STD	3
3424	BxN-RIL-349-24	.	87	590	7	1	0	0	87	2019	Preston	V1	3
3425	BxN-RIL-349-24	.	87	590	7	1	0	0	87	2019	Preston	V2	2
3426	BxN-RIL-349-24	.	87	590	7	1	0	0	87	2019	Preston	V3	1
3427	BxN-RIL-349-24	.	87	590	7	1	0	0	87	2019	Preston	W1	4
3428	BxN-RIL-349-24	.	87	590	7	1	0	0	87	2019	Preston	W2	4
3429	BxN-RIL-349-24	.	87	590	7	1	0	0	87	2019	Preston	W3	5
3430	NorLin	7+1	715	591	7	1	1	0	715	2019	Preston	STD	3
3431	NorLin	7+1	715	591	7	1	1	0	715	2019	Preston	V1	3
3432	NorLin	7+1	715	591	7	1	1	0	715	2019	Preston	V2	2
3433	NorLin	7+1	715	591	7	1	1	0	715	2019	Preston	V3	1
3434	NorLin	7+1	715	591	7	1	1	0	715	2019	Preston	W1	4
3435	NorLin	7+1	715	591	7	1	1	0	715	2019	Preston	W2	3
3436	NorLin	7+1	715	591	7	1	1	0	715	2019	Preston	W3	2
3437	BxN-RIL-360-8	.	318	592	7	1	0	0	318	2019	Preston	STD	3
3438	BxN-RIL-360-8	.	318	592	7	1	0	0	318	2019	Preston	V1	3
3439	BxN-RIL-360-8	.	318	592	7	1	0	0	318	2019	Preston	V2	1
3440	BxN-RIL-360-8	.	318	592	7	1	0	0	318	2019	Preston	V3	1
3441	BxN-RIL-360-8	.	318	592	7	1	0	0	318	2019	Preston	W1	0
3442	BxN-RIL-360-8	.	318	592	7	1	0	0	318	2019	Preston	W2	2
3443	BxN-RIL-360-8	.	318	592	7	1	0	0	318	2019	Preston	W3	1
3444	NxB-RIL-365-8	.	447	593	7	1	0	0	447	2019	Preston	STD	2
3445	NxB-RIL-365-8	.	447	593	7	1	0	0	447	2019	Preston	V1	2
3446	NxB-RIL-365-8	.	447	593	7	1	0	0	447	2019	Preston	V2	2
3447	NxB-RIL-365-8	.	447	593	7	1	0	0	447	2019	Preston	V3	1
3448	NxB-RIL-365-8	.	447	593	7	1	0	0	447	2019	Preston	W1	0
3449	NxB-RIL-365-8	.	447	593	7	1	0	0	447	2019	Preston	W2	4
3450	NxB-RIL-365-8	.	447	593	7	1	0	0	447	2019	Preston	W3	3
3451	BxN-RIL-359-14	.	294	594	7	1	0	0	294	2019	Preston	STD	2
3452	BxN-RIL-359-14	.	294	594	7	1	0	0	294	2019	Preston	V1	2
3453	BxN-RIL-359-14	.	294	594	7	1	0	0	294	2019	Preston	V2	3
3454	BxN-RIL-359-14	.	294	594	7	1	0	0	294	2019	Preston	V3	2
3455	BxN-RIL-359-14	.	294	594	7	1	0	0	294	2019	Preston	W1	0
3456	BxN-RIL-359-14	.	294	594	7	1	0	0	294	2019	Preston	W2	4
3457	BxN-RIL-359-14	.	294	594	7	1	0	0	294	2019	Preston	W3	2
3458	BxN-RIL-349-11	.	76	595	7	1	0	0	76	2019	Preston	STD	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3459	BxN-RIL-349-11	.	76	595	7	1	0	0	76	2019	Preston	V1	3
3460	BxN-RIL-349-11	.	76	595	7	1	0	0	76	2019	Preston	V2	2
3461	BxN-RIL-349-11	.	76	595	7	1	0	0	76	2019	Preston	V3	1
3462	BxN-RIL-349-11	.	76	595	7	1	0	0	76	2019	Preston	W1	0
3463	BxN-RIL-349-11	.	76	595	7	1	0	0	76	2019	Preston	W2	5
3464	BxN-RIL-349-11	.	76	595	7	1	0	0	76	2019	Preston	W3	5
3465	NxB-RIL-370-3	.	561	596	7	2	0	0	561	2019	Preston	STD	2
3466	NxB-RIL-370-3	.	561	596	7	2	0	0	561	2019	Preston	V1	3
3467	NxB-RIL-370-3	.	561	596	7	2	0	0	561	2019	Preston	V2	4
3468	NxB-RIL-370-3	.	561	596	7	2	0	0	561	2019	Preston	V3	5
3469	NxB-RIL-370-3	.	561	596	7	2	0	0	561	2019	Preston	W1	5
3470	NxB-RIL-370-3	.	561	596	7	2	0	0	561	2019	Preston	W2	6
3471	NxB-RIL-370-3	.	561	596	7	2	0	0	561	2019	Preston	W3	9
3472	BxN-RIL-359-26	.	305	597	7	2	0	0	305	2019	Preston	STD	3
3473	BxN-RIL-359-26	.	305	597	7	2	0	0	305	2019	Preston	V1	4
3474	BxN-RIL-359-26	.	305	597	7	2	0	0	305	2019	Preston	V2	1
3475	BxN-RIL-359-26	.	305	597	7	2	0	0	305	2019	Preston	V3	1
3476	BxN-RIL-359-26	.	305	597	7	2	0	0	305	2019	Preston	W1	7
3477	BxN-RIL-359-26	.	305	597	7	2	0	0	305	2019	Preston	W2	4
3478	BxN-RIL-359-26	.	305	597	7	2	0	0	305	2019	Preston	W3	2
3479	BxN-RIL-354-24	.	187	598	7	2	0	0	187	2019	Preston	STD	1
3480	BxN-RIL-354-24	.	187	598	7	2	0	0	187	2019	Preston	V1	2
3481	BxN-RIL-354-24	.	187	598	7	2	0	0	187	2019	Preston	V2	1
3482	BxN-RIL-354-24	.	187	598	7	2	0	0	187	2019	Preston	V3	1
3483	BxN-RIL-354-24	.	187	598	7	2	0	0	187	2019	Preston	W1	0
3484	BxN-RIL-354-24	.	187	598	7	2	0	0	187	2019	Preston	W2	5
3485	BxN-RIL-354-24	.	187	598	7	2	0	0	187	2019	Preston	W3	5
3486	NxB-RIL-361-6	.	345	599	7	2	0	0	345	2019	Preston	STD	2
3487	NxB-RIL-361-6	.	345	599	7	2	0	0	345	2019	Preston	V1	2
3488	NxB-RIL-361-6	.	345	599	7	2	0	0	345	2019	Preston	V2	2
3489	NxB-RIL-361-6	.	345	599	7	2	0	0	345	2019	Preston	V3	1
3490	NxB-RIL-361-6	.	345	599	7	2	0	0	345	2019	Preston	W1	4
3491	NxB-RIL-361-6	.	345	599	7	2	0	0	345	2019	Preston	W2	4
3492	NxB-RIL-361-6	.	345	599	7	2	0	0	345	2019	Preston	W3	3
3493	NorLin	7+2	715	600	7	2	1	0	715	2019	Preston	STD	3
3494	NorLin	7+2	715	600	7	2	1	0	715	2019	Preston	V1	3
3495	NorLin	7+2	715	600	7	2	1	0	715	2019	Preston	V2	3
3496	NorLin	7+2	715	600	7	2	1	0	715	2019	Preston	V3	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3497	NorLin	7+2	715	600	7	2	1	0	715	2019	Preston	W1	4
3498	NorLin	7+2	715	600	7	2	1	0	715	2019	Preston	W2	4
3499	NorLin	7+2	715	600	7	2	1	0	715	2019	Preston	W3	1
3500	BxN-RIL-350-7	.	93	601	7	2	0	0	93	2019	Preston	STD	3
3501	BxN-RIL-350-7	.	93	601	7	2	0	0	93	2019	Preston	V1	3
3502	BxN-RIL-350-7	.	93	601	7	2	0	0	93	2019	Preston	V2	1
3503	BxN-RIL-350-7	.	93	601	7	2	0	0	93	2019	Preston	V3	1
3504	BxN-RIL-350-7	.	93	601	7	2	0	0	93	2019	Preston	W1	0
3505	BxN-RIL-350-7	.	93	601	7	2	0	0	93	2019	Preston	W2	4
3506	BxN-RIL-350-7	.	93	601	7	2	0	0	93	2019	Preston	W3	2
3507	NxB-RIL-373-21	.	646	602	7	2	0	0	646	2019	Preston	STD	3
3508	NxB-RIL-373-21	.	646	602	7	2	0	0	646	2019	Preston	V1	2
3509	NxB-RIL-373-21	.	646	602	7	2	0	0	646	2019	Preston	V2	3
3510	NxB-RIL-373-21	.	646	602	7	2	0	0	646	2019	Preston	V3	3
3511	NxB-RIL-373-21	.	646	602	7	2	0	0	646	2019	Preston	W1	0
3512	NxB-RIL-373-21	.	646	602	7	2	0	0	646	2019	Preston	W2	5
3513	NxB-RIL-373-21	.	646	602	7	2	0	0	646	2019	Preston	W3	7
3514	BxN-RIL-359-27	.	306	603	7	2	0	0	306	2019	Preston	STD	3
3515	BxN-RIL-359-27	.	306	603	7	2	0	0	306	2019	Preston	V1	3
3516	BxN-RIL-359-27	.	306	603	7	2	0	0	306	2019	Preston	V2	1
3517	BxN-RIL-359-27	.	306	603	7	2	0	0	306	2019	Preston	V3	1
3518	BxN-RIL-359-27	.	306	603	7	2	0	0	306	2019	Preston	W1	4
3519	BxN-RIL-359-27	.	306	603	7	2	0	0	306	2019	Preston	W2	1
3520	BxN-RIL-359-27	.	306	603	7	2	0	0	306	2019	Preston	W3	4
3521	NxB-RIL-366-26	.	487	604	7	2	0	0	487	2019	Preston	STD	2
3522	NxB-RIL-366-26	.	487	604	7	2	0	0	487	2019	Preston	V1	2
3523	NxB-RIL-366-26	.	487	604	7	2	0	0	487	2019	Preston	V2	3
3524	NxB-RIL-366-26	.	487	604	7	2	0	0	487	2019	Preston	V3	3
3525	NxB-RIL-366-26	.	487	604	7	2	0	0	487	2019	Preston	W1	0
3526	NxB-RIL-366-26	.	487	604	7	2	0	0	487	2019	Preston	W2	6
3527	NxB-RIL-366-26	.	487	604	7	2	0	0	487	2019	Preston	W3	6
3528	BxN-RIL-356-10	.	220	605	7	3	0	0	220	2019	Preston	STD	3
3529	BxN-RIL-356-10	.	220	605	7	3	0	0	220	2019	Preston	V1	4
3530	BxN-RIL-356-10	.	220	605	7	3	0	0	220	2019	Preston	V2	3
3531	BxN-RIL-356-10	.	220	605	7	3	0	0	220	2019	Preston	V3	3
3532	BxN-RIL-356-10	.	220	605	7	3	0	0	220	2019	Preston	W1	6
3533	BxN-RIL-356-10	.	220	605	7	3	0	0	220	2019	Preston	W2	5
3534	BxN-RIL-356-10	.	220	605	7	3	0	0	220	2019	Preston	W3	7

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3535	NxB-RIL-364-15	.	430	606	7	3	0	0	430	2019	Preston	STD	3
3536	NxB-RIL-364-15	.	430	606	7	3	0	0	430	2019	Preston	V1	3
3537	NxB-RIL-364-15	.	430	606	7	3	0	0	430	2019	Preston	V2	1
3538	NxB-RIL-364-15	.	430	606	7	3	0	0	430	2019	Preston	V3	1
3539	NxB-RIL-364-15	.	430	606	7	3	0	0	430	2019	Preston	W1	4
3540	NxB-RIL-364-15	.	430	606	7	3	0	0	430	2019	Preston	W2	4
3541	NxB-RIL-364-15	.	430	606	7	3	0	0	430	2019	Preston	W3	1
3542	NxB-RIL-375-13	.	695	607	7	3	0	0	695	2019	Preston	STD	2
3543	NxB-RIL-375-13	.	695	607	7	3	0	0	695	2019	Preston	V1	2
3544	NxB-RIL-375-13	.	695	607	7	3	0	0	695	2019	Preston	V2	2
3545	NxB-RIL-375-13	.	695	607	7	3	0	0	695	2019	Preston	V3	2
3546	NxB-RIL-375-13	.	695	607	7	3	0	0	695	2019	Preston	W1	4
3547	NxB-RIL-375-13	.	695	607	7	3	0	0	695	2019	Preston	W2	4
3548	NxB-RIL-375-13	.	695	607	7	3	0	0	695	2019	Preston	W3	7
3549	NxB-RIL-362-2	.	373	608	7	3	0	0	373	2019	Preston	STD	3
3550	NxB-RIL-362-2	.	373	608	7	3	0	0	373	2019	Preston	V1	2
3551	NxB-RIL-362-2	.	373	608	7	3	0	0	373	2019	Preston	V2	2
3552	NxB-RIL-362-2	.	373	608	7	3	0	0	373	2019	Preston	V3	2
3553	NxB-RIL-362-2	.	373	608	7	3	0	0	373	2019	Preston	W1	1
3554	NxB-RIL-362-2	.	373	608	7	3	0	0	373	2019	Preston	W2	5
3555	NxB-RIL-362-2	.	373	608	7	3	0	0	373	2019	Preston	W3	5
3556	NorLin	7+3	715	609	7	3	1	0	715	2019	Preston	STD	3
3557	NorLin	7+3	715	609	7	3	1	0	715	2019	Preston	V1	3
3558	NorLin	7+3	715	609	7	3	1	0	715	2019	Preston	V2	2
3559	NorLin	7+3	715	609	7	3	1	0	715	2019	Preston	V3	1
3560	NorLin	7+3	715	609	7	3	1	0	715	2019	Preston	W1	4
3561	NorLin	7+3	715	609	7	3	1	0	715	2019	Preston	W2	4
3562	NorLin	7+3	715	609	7	3	1	0	715	2019	Preston	W3	1
3563	BxN-RIL-356-22	.	231	610	7	3	0	0	231	2019	Preston	STD	3
3564	BxN-RIL-356-22	.	231	610	7	3	0	0	231	2019	Preston	V1	3
3565	BxN-RIL-356-22	.	231	610	7	3	0	0	231	2019	Preston	V2	2
3566	BxN-RIL-356-22	.	231	610	7	3	0	0	231	2019	Preston	V3	3
3567	BxN-RIL-356-22	.	231	610	7	3	0	0	231	2019	Preston	W1	0
3568	BxN-RIL-356-22	.	231	610	7	3	0	0	231	2019	Preston	W2	5
3569	BxN-RIL-356-22	.	231	610	7	3	0	0	231	2019	Preston	W3	7
3570	NxB-RIL-372-28	.	622	611	7	3	0	0	622	2019	Preston	STD	3
3571	NxB-RIL-372-28	.	622	611	7	3	0	0	622	2019	Preston	V1	3
3572	NxB-RIL-372-28	.	622	611	7	3	0	0	622	2019	Preston	V2	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3573	NxB-RIL-372-28	.	622	611	7	3	0	0	622	2019	Preston	V3	1
3574	NxB-RIL-372-28	.	622	611	7	3	0	0	622	2019	Preston	W1	6
3575	NxB-RIL-372-28	.	622	611	7	3	0	0	622	2019	Preston	W2	4
3576	NxB-RIL-372-28	.	622	611	7	3	0	0	622	2019	Preston	W3	2
3577	NxB-RIL-361-8	.	347	612	7	3	0	0	347	2019	Preston	STD	3
3578	NxB-RIL-361-8	.	347	612	7	3	0	0	347	2019	Preston	V1	3
3579	NxB-RIL-361-8	.	347	612	7	3	0	0	347	2019	Preston	V2	1
3580	NxB-RIL-361-8	.	347	612	7	3	0	0	347	2019	Preston	V3	1
3581	NxB-RIL-361-8	.	347	612	7	3	0	0	347	2019	Preston	W1	4
3582	NxB-RIL-361-8	.	347	612	7	3	0	0	347	2019	Preston	W2	4
3583	NxB-RIL-361-8	.	347	612	7	3	0	0	347	2019	Preston	W3	1
3584	NxB-RIL-364-23	.	437	613	7	3	0	0	437	2019	Preston	STD	2
3585	NxB-RIL-364-23	.	437	613	7	3	0	0	437	2019	Preston	V1	2
3586	NxB-RIL-364-23	.	437	613	7	3	0	0	437	2019	Preston	V2	2
3587	NxB-RIL-364-23	.	437	613	7	3	0	0	437	2019	Preston	V3	2
3588	NxB-RIL-364-23	.	437	613	7	3	0	0	437	2019	Preston	W1	0
3589	NxB-RIL-364-23	.	437	613	7	3	0	0	437	2019	Preston	W2	5
3590	NxB-RIL-364-23	.	437	613	7	3	0	0	437	2019	Preston	W3	6
3591	NxB-RIL-365-1	.	441	614	7	4	0	0	441	2019	Preston	STD	3
3592	NxB-RIL-365-1	.	441	614	7	4	0	0	441	2019	Preston	V1	4
3593	NxB-RIL-365-1	.	441	614	7	4	0	0	441	2019	Preston	V2	1
3594	NxB-RIL-365-1	.	441	614	7	4	0	0	441	2019	Preston	V3	1
3595	NxB-RIL-365-1	.	441	614	7	4	0	0	441	2019	Preston	W1	5
3596	NxB-RIL-365-1	.	441	614	7	4	0	0	441	2019	Preston	W2	4
3597	NxB-RIL-365-1	.	441	614	7	4	0	0	441	2019	Preston	W3	6
3598	NxB-RIL-373-4	.	629	615	7	4	0	0	629	2019	Preston	STD	3
3599	NxB-RIL-373-4	.	629	615	7	4	0	0	629	2019	Preston	V1	2
3600	NxB-RIL-373-4	.	629	615	7	4	0	0	629	2019	Preston	V2	2
3601	NxB-RIL-373-4	.	629	615	7	4	0	0	629	2019	Preston	V3	2
3602	NxB-RIL-373-4	.	629	615	7	4	0	0	629	2019	Preston	W1	4
3603	NxB-RIL-373-4	.	629	615	7	4	0	0	629	2019	Preston	W2	4
3604	NxB-RIL-373-4	.	629	615	7	4	0	0	629	2019	Preston	W3	3
3605	BxN-RIL-354-7	.	173	616	7	4	0	0	173	2019	Preston	STD	2
3606	BxN-RIL-354-7	.	173	616	7	4	0	0	173	2019	Preston	V1	2
3607	BxN-RIL-354-7	.	173	616	7	4	0	0	173	2019	Preston	V2	3
3608	BxN-RIL-354-7	.	173	616	7	4	0	0	173	2019	Preston	V3	2
3609	BxN-RIL-354-7	.	173	616	7	4	0	0	173	2019	Preston	W1	0
3610	BxN-RIL-354-7	.	173	616	7	4	0	0	173	2019	Preston	W2	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3611	BxN-RIL-354-7	.	173	616	7	4	0	0	173	2019	Preston	W3	3
3612	NxB-RIL-367-21	.	506	617	7	4	0	0	506	2019	Preston	STD	3
3613	NxB-RIL-367-21	.	506	617	7	4	0	0	506	2019	Preston	V1	3
3614	NxB-RIL-367-21	.	506	617	7	4	0	0	506	2019	Preston	V2	3
3615	NxB-RIL-367-21	.	506	617	7	4	0	0	506	2019	Preston	V3	2
3616	NxB-RIL-367-21	.	506	617	7	4	0	0	506	2019	Preston	W1	0
3617	NxB-RIL-367-21	.	506	617	7	4	0	0	506	2019	Preston	W2	4
3618	NxB-RIL-367-21	.	506	617	7	4	0	0	506	2019	Preston	W3	4
3619	NorLin	7+4	715	618	7	4	1	0	715	2019	Preston	STD	3
3620	NorLin	7+4	715	618	7	4	1	0	715	2019	Preston	V1	3
3621	NorLin	7+4	715	618	7	4	1	0	715	2019	Preston	V2	3
3622	NorLin	7+4	715	618	7	4	1	0	715	2019	Preston	V3	1
3623	NorLin	7+4	715	618	7	4	1	0	715	2019	Preston	W1	4
3624	NorLin	7+4	715	618	7	4	1	0	715	2019	Preston	W2	4
3625	NorLin	7+4	715	618	7	4	1	0	715	2019	Preston	W3	2
3626	NxB-RIL-372-11	.	608	619	7	4	0	0	608	2019	Preston	STD	3
3627	NxB-RIL-372-11	.	608	619	7	4	0	0	608	2019	Preston	V1	3
3628	NxB-RIL-372-11	.	608	619	7	4	0	0	608	2019	Preston	V2	1
3629	NxB-RIL-372-11	.	608	619	7	4	0	0	608	2019	Preston	V3	2
3630	NxB-RIL-372-11	.	608	619	7	4	0	0	608	2019	Preston	W1	1
3631	NxB-RIL-372-11	.	608	619	7	4	0	0	608	2019	Preston	W2	2
3632	NxB-RIL-372-11	.	608	619	7	4	0	0	608	2019	Preston	W3	2
3633	NxB-RIL-366-18	.	481	620	7	4	0	0	481	2019	Preston	STD	2
3634	NxB-RIL-366-18	.	481	620	7	4	0	0	481	2019	Preston	V1	2
3635	NxB-RIL-366-18	.	481	620	7	4	0	0	481	2019	Preston	V2	3
3636	NxB-RIL-366-18	.	481	620	7	4	0	0	481	2019	Preston	V3	3
3637	NxB-RIL-366-18	.	481	620	7	4	0	0	481	2019	Preston	W1	1
3638	NxB-RIL-366-18	.	481	620	7	4	0	0	481	2019	Preston	W2	5
3639	NxB-RIL-366-18	.	481	620	7	4	0	0	481	2019	Preston	W3	7
3640	NxB-RIL-364-21	.	436	621	7	4	0	0	436	2019	Preston	STD	4
3641	NxB-RIL-364-21	.	436	621	7	4	0	0	436	2019	Preston	V1	4
3642	NxB-RIL-364-21	.	436	621	7	4	0	0	436	2019	Preston	V2	1
3643	NxB-RIL-364-21	.	436	621	7	4	0	0	436	2019	Preston	V3	1
3644	NxB-RIL-364-21	.	436	621	7	4	0	0	436	2019	Preston	W1	5
3645	NxB-RIL-364-21	.	436	621	7	4	0	0	436	2019	Preston	W2	5
3646	NxB-RIL-364-21	.	436	621	7	4	0	0	436	2019	Preston	W3	4
3647	NxB-RIL-373-17	.	642	622	7	4	0	0	642	2019	Preston	STD	3
3648	NxB-RIL-373-17	.	642	622	7	4	0	0	642	2019	Preston	V1	2



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3649	NxB-RIL-373-17	.	642	622	7	4	0	0	642	2019	Preston	V2	1
3650	NxB-RIL-373-17	.	642	622	7	4	0	0	642	2019	Preston	V3	2
3651	NxB-RIL-373-17	.	642	622	7	4	0	0	642	2019	Preston	W1	4
3652	NxB-RIL-373-17	.	642	622	7	4	0	0	642	2019	Preston	W2	5
3653	NxB-RIL-373-17	.	642	622	7	4	0	0	642	2019	Preston	W3	2
3654	NxB-RIL-375-11	.	693	623	7	5	0	0	693	2019	Preston	STD	3
3655	NxB-RIL-375-11	.	693	623	7	5	0	0	693	2019	Preston	V1	3
3656	NxB-RIL-375-11	.	693	623	7	5	0	0	693	2019	Preston	V2	3
3657	NxB-RIL-375-11	.	693	623	7	5	0	0	693	2019	Preston	V3	2
3658	NxB-RIL-375-11	.	693	623	7	5	0	0	693	2019	Preston	W1	4
3659	NxB-RIL-375-11	.	693	623	7	5	0	0	693	2019	Preston	W2	6
3660	NxB-RIL-375-11	.	693	623	7	5	0	0	693	2019	Preston	W3	6
3661	BxN-RIL-353-20	.	165	624	7	5	0	0	165	2019	Preston	STD	3
3662	BxN-RIL-353-20	.	165	624	7	5	0	0	165	2019	Preston	V1	3
3663	BxN-RIL-353-20	.	165	624	7	5	0	0	165	2019	Preston	V2	2
3664	BxN-RIL-353-20	.	165	624	7	5	0	0	165	2019	Preston	V3	2
3665	BxN-RIL-353-20	.	165	624	7	5	0	0	165	2019	Preston	W1	5
3666	BxN-RIL-353-20	.	165	624	7	5	0	0	165	2019	Preston	W2	5
3667	BxN-RIL-353-20	.	165	624	7	5	0	0	165	2019	Preston	W3	7
3668	NxB-RIL-370-1	.	559	625	7	5	0	0	559	2019	Preston	STD	3
3669	NxB-RIL-370-1	.	559	625	7	5	0	0	559	2019	Preston	V1	3
3670	NxB-RIL-370-1	.	559	625	7	5	0	0	559	2019	Preston	V2	2
3671	NxB-RIL-370-1	.	559	625	7	5	0	0	559	2019	Preston	V3	1
3672	NxB-RIL-370-1	.	559	625	7	5	0	0	559	2019	Preston	W1	5
3673	NxB-RIL-370-1	.	559	625	7	5	0	0	559	2019	Preston	W2	4
3674	NxB-RIL-370-1	.	559	625	7	5	0	0	559	2019	Preston	W3	2
3675	BxN-RIL-351-14	.	117	626	7	5	0	0	117	2019	Preston	STD	3
3676	BxN-RIL-351-14	.	117	626	7	5	0	0	117	2019	Preston	V1	3
3677	BxN-RIL-351-14	.	117	626	7	5	0	0	117	2019	Preston	V2	3
3678	BxN-RIL-351-14	.	117	626	7	5	0	0	117	2019	Preston	V3	2
3679	BxN-RIL-351-14	.	117	626	7	5	0	0	117	2019	Preston	W1	5
3680	BxN-RIL-351-14	.	117	626	7	5	0	0	117	2019	Preston	W2	4
3681	BxN-RIL-351-14	.	117	626	7	5	0	0	117	2019	Preston	W3	2
3682	NorLin	7+5	715	627	7	5	1	0	715	2019	Preston	STD	3
3683	NorLin	7+5	715	627	7	5	1	0	715	2019	Preston	V1	3
3684	NorLin	7+5	715	627	7	5	1	0	715	2019	Preston	V2	2
3685	NorLin	7+5	715	627	7	5	1	0	715	2019	Preston	V3	1
3686	NorLin	7+5	715	627	7	5	1	0	715	2019	Preston	W1	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3687	NorLin	7+5	715	627	7	5	1	0	715	2019	Preston	W2	4
3688	NorLin	7+5	715	627	7	5	1	0	715	2019	Preston	W3	1
3689	BxN-RIL-348-10	.	54	628	7	5	0	0	54	2019	Preston	STD	3
3690	BxN-RIL-348-10	.	54	628	7	5	0	0	54	2019	Preston	V1	3
3691	BxN-RIL-348-10	.	54	628	7	5	0	0	54	2019	Preston	V2	1
3692	BxN-RIL-348-10	.	54	628	7	5	0	0	54	2019	Preston	V3	1
3693	BxN-RIL-348-10	.	54	628	7	5	0	0	54	2019	Preston	W1	4
3694	BxN-RIL-348-10	.	54	628	7	5	0	0	54	2019	Preston	W2	4
3695	BxN-RIL-348-10	.	54	628	7	5	0	0	54	2019	Preston	W3	5
3696	NxB-RIL-370-5	.	563	629	7	5	0	0	563	2019	Preston	STD	2
3697	NxB-RIL-370-5	.	563	629	7	5	0	0	563	2019	Preston	V1	2
3698	NxB-RIL-370-5	.	563	629	7	5	0	0	563	2019	Preston	V2	1
3699	NxB-RIL-370-5	.	563	629	7	5	0	0	563	2019	Preston	V3	1
3700	NxB-RIL-370-5	.	563	629	7	5	0	0	563	2019	Preston	W1	4
3701	NxB-RIL-370-5	.	563	629	7	5	0	0	563	2019	Preston	W2	5
3702	NxB-RIL-370-5	.	563	629	7	5	0	0	563	2019	Preston	W3	8
3703	BxN-RIL-349-10	.	75	630	7	5	0	0	75	2019	Preston	STD	3
3704	BxN-RIL-349-10	.	75	630	7	5	0	0	75	2019	Preston	V1	2
3705	BxN-RIL-349-10	.	75	630	7	5	0	0	75	2019	Preston	V2	1
3706	BxN-RIL-349-10	.	75	630	7	5	0	0	75	2019	Preston	V3	1
3707	BxN-RIL-349-10	.	75	630	7	5	0	0	75	2019	Preston	W1	4
3708	BxN-RIL-349-10	.	75	630	7	5	0	0	75	2019	Preston	W2	4
3709	BxN-RIL-349-10	.	75	630	7	5	0	0	75	2019	Preston	W3	1
3710	BxN-RIL-347-22	.	43	631	7	5	0	0	43	2019	Preston	STD	3
3711	BxN-RIL-347-22	.	43	631	7	5	0	0	43	2019	Preston	V1	2
3712	BxN-RIL-347-22	.	43	631	7	5	0	0	43	2019	Preston	V2	2
3713	BxN-RIL-347-22	.	43	631	7	5	0	0	43	2019	Preston	V3	1
3714	BxN-RIL-347-22	.	43	631	7	5	0	0	43	2019	Preston	W1	0
3715	BxN-RIL-347-22	.	43	631	7	5	0	0	43	2019	Preston	W2	2
3716	BxN-RIL-347-22	.	43	631	7	5	0	0	43	2019	Preston	W3	2
3717	NxB-RIL-373-6	.	631	632	7	6	0	0	631	2019	Preston	STD	3
3718	NxB-RIL-373-6	.	631	632	7	6	0	0	631	2019	Preston	V1	3
3719	NxB-RIL-373-6	.	631	632	7	6	0	0	631	2019	Preston	V2	1
3720	NxB-RIL-373-6	.	631	632	7	6	0	0	631	2019	Preston	V3	1
3721	NxB-RIL-373-6	.	631	632	7	6	0	0	631	2019	Preston	W1	0
3722	NxB-RIL-373-6	.	631	632	7	6	0	0	631	2019	Preston	W2	4
3723	NxB-RIL-373-6	.	631	632	7	6	0	0	631	2019	Preston	W3	2
3724	BxN-RIL-360-6	.	316	633	7	6	0	0	316	2019	Preston	STD	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3725	BxN-RIL-360-6	.	316	633	7	6	0	0	316	2019	Preston	V1	2
3726	BxN-RIL-360-6	.	316	633	7	6	0	0	316	2019	Preston	V2	3
3727	BxN-RIL-360-6	.	316	633	7	6	0	0	316	2019	Preston	V3	2
3728	BxN-RIL-360-6	.	316	633	7	6	0	0	316	2019	Preston	W1	0
3729	BxN-RIL-360-6	.	316	633	7	6	0	0	316	2019	Preston	W2	4
3730	BxN-RIL-360-6	.	316	633	7	6	0	0	316	2019	Preston	W3	1
3731	NxB-RIL-361-30	.	368	634	7	6	0	0	368	2019	Preston	STD	1
3732	NxB-RIL-361-30	.	368	634	7	6	0	0	368	2019	Preston	V1	2
3733	NxB-RIL-361-30	.	368	634	7	6	0	0	368	2019	Preston	V2	2
3734	NxB-RIL-361-30	.	368	634	7	6	0	0	368	2019	Preston	V3	1
3735	NxB-RIL-361-30	.	368	634	7	6	0	0	368	2019	Preston	W1	0
3736	NxB-RIL-361-30	.	368	634	7	6	0	0	368	2019	Preston	W2	4
3737	NxB-RIL-361-30	.	368	634	7	6	0	0	368	2019	Preston	W3	3
3738	NxB-RIL-366-10	.	474	635	7	6	0	0	474	2019	Preston	STD	2
3739	NxB-RIL-366-10	.	474	635	7	6	0	0	474	2019	Preston	V1	1
3740	NxB-RIL-366-10	.	474	635	7	6	0	0	474	2019	Preston	V2	1
3741	NxB-RIL-366-10	.	474	635	7	6	0	0	474	2019	Preston	V3	1
3742	NxB-RIL-366-10	.	474	635	7	6	0	0	474	2019	Preston	W1	0
3743	NxB-RIL-366-10	.	474	635	7	6	0	0	474	2019	Preston	W2	4
3744	NxB-RIL-366-10	.	474	635	7	6	0	0	474	2019	Preston	W3	3
3745	NorLin	7+6	715	636	7	6	1	0	715	2019	Preston	STD	2
3746	NorLin	7+6	715	636	7	6	1	0	715	2019	Preston	V1	2
3747	NorLin	7+6	715	636	7	6	1	0	715	2019	Preston	V2	2
3748	NorLin	7+6	715	636	7	6	1	0	715	2019	Preston	V3	2
3749	NorLin	7+6	715	636	7	6	1	0	715	2019	Preston	W1	4
3750	NorLin	7+6	715	636	7	6	1	0	715	2019	Preston	W2	4
3751	NorLin	7+6	715	636	7	6	1	0	715	2019	Preston	W3	3
3752	BxN-RIL-347-15	.	36	637	7	6	0	0	36	2019	Preston	STD	3
3753	BxN-RIL-347-15	.	36	637	7	6	0	0	36	2019	Preston	V1	3
3754	BxN-RIL-347-15	.	36	637	7	6	0	0	36	2019	Preston	V2	1
3755	BxN-RIL-347-15	.	36	637	7	6	0	0	36	2019	Preston	V3	1
3756	BxN-RIL-347-15	.	36	637	7	6	0	0	36	2019	Preston	W1	4
3757	BxN-RIL-347-15	.	36	637	7	6	0	0	36	2019	Preston	W2	4
3758	BxN-RIL-347-15	.	36	637	7	6	0	0	36	2019	Preston	W3	4
3759	NxB-RIL-372-21	.	616	638	7	6	0	0	616	2019	Preston	STD	2
3760	NxB-RIL-372-21	.	616	638	7	6	0	0	616	2019	Preston	V1	2
3761	NxB-RIL-372-21	.	616	638	7	6	0	0	616	2019	Preston	V2	2
3762	NxB-RIL-372-21	.	616	638	7	6	0	0	616	2019	Preston	V3	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3763	NxB-RIL-372-21	.	616	638	7	6	0	0	616	2019	Preston	W1	5
3764	NxB-RIL-372-21	.	616	638	7	6	0	0	616	2019	Preston	W2	4
3765	NxB-RIL-372-21	.	616	638	7	6	0	0	616	2019	Preston	W3	4
3766	NxB-RIL-368-25	.	530	639	7	6	0	0	530	2019	Preston	STD	3
3767	NxB-RIL-368-25	.	530	639	7	6	0	0	530	2019	Preston	V1	3
3768	NxB-RIL-368-25	.	530	639	7	6	0	0	530	2019	Preston	V2	2
3769	NxB-RIL-368-25	.	530	639	7	6	0	0	530	2019	Preston	V3	2
3770	NxB-RIL-368-25	.	530	639	7	6	0	0	530	2019	Preston	W1	4
3771	NxB-RIL-368-25	.	530	639	7	6	0	0	530	2019	Preston	W2	5
3772	NxB-RIL-368-25	.	530	639	7	6	0	0	530	2019	Preston	W3	5
3773	NxB-RIL-365-9	.	448	640	7	6	0	0	448	2019	Preston	STD	3
3774	NxB-RIL-365-9	.	448	640	7	6	0	0	448	2019	Preston	V1	3
3775	NxB-RIL-365-9	.	448	640	7	6	0	0	448	2019	Preston	V2	2
3776	NxB-RIL-365-9	.	448	640	7	6	0	0	448	2019	Preston	V3	2
3777	NxB-RIL-365-9	.	448	640	7	6	0	0	448	2019	Preston	W1	5
3778	NxB-RIL-365-9	.	448	640	7	6	0	0	448	2019	Preston	W2	5
3779	NxB-RIL-365-9	.	448	640	7	6	0	0	448	2019	Preston	W3	2
3780	BxN-RIL-346-20	.	16	641	7	7	0	0	16	2019	Preston	STD	3
3781	BxN-RIL-346-20	.	16	641	7	7	0	0	16	2019	Preston	V1	2
3782	BxN-RIL-346-20	.	16	641	7	7	0	0	16	2019	Preston	V2	3
3783	BxN-RIL-346-20	.	16	641	7	7	0	0	16	2019	Preston	V3	3
3784	BxN-RIL-346-20	.	16	641	7	7	0	0	16	2019	Preston	W1	5
3785	BxN-RIL-346-20	.	16	641	7	7	0	0	16	2019	Preston	W2	5
3786	BxN-RIL-346-20	.	16	641	7	7	0	0	16	2019	Preston	W3	3
3787	NxB-RIL-364-16	.	431	642	7	7	0	0	431	2019	Preston	STD	3
3788	NxB-RIL-364-16	.	431	642	7	7	0	0	431	2019	Preston	V1	3
3789	NxB-RIL-364-16	.	431	642	7	7	0	0	431	2019	Preston	V2	2
3790	NxB-RIL-364-16	.	431	642	7	7	0	0	431	2019	Preston	V3	1
3791	NxB-RIL-364-16	.	431	642	7	7	0	0	431	2019	Preston	W1	4
3792	NxB-RIL-364-16	.	431	642	7	7	0	0	431	2019	Preston	W2	4
3793	NxB-RIL-364-16	.	431	642	7	7	0	0	431	2019	Preston	W3	2
3794	NxB-RIL-369-14	.	547	643	7	7	0	0	547	2019	Preston	STD	2
3795	NxB-RIL-369-14	.	547	643	7	7	0	0	547	2019	Preston	V1	2
3796	NxB-RIL-369-14	.	547	643	7	7	0	0	547	2019	Preston	V2	1
3797	NxB-RIL-369-14	.	547	643	7	7	0	0	547	2019	Preston	V3	2
3798	NxB-RIL-369-14	.	547	643	7	7	0	0	547	2019	Preston	W1	2
3799	NxB-RIL-369-14	.	547	643	7	7	0	0	547	2019	Preston	W2	5
3800	NxB-RIL-369-14	.	547	643	7	7	0	0	547	2019	Preston	W3	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3801	BxN-RIL-357-4	.	235	644	7	7	0	0	235	2019	Preston	STD	3
3802	BxN-RIL-357-4	.	235	644	7	7	0	0	235	2019	Preston	V1	3
3803	BxN-RIL-357-4	.	235	644	7	7	0	0	235	2019	Preston	V2	2
3804	BxN-RIL-357-4	.	235	644	7	7	0	0	235	2019	Preston	V3	2
3805	BxN-RIL-357-4	.	235	644	7	7	0	0	235	2019	Preston	W1	4
3806	BxN-RIL-357-4	.	235	644	7	7	0	0	235	2019	Preston	W2	4
3807	BxN-RIL-357-4	.	235	644	7	7	0	0	235	2019	Preston	W3	4
3808	NorLin	7+7	715	645	7	7	1	0	715	2019	Preston	STD	2
3809	NorLin	7+7	715	645	7	7	1	0	715	2019	Preston	V1	2
3810	NorLin	7+7	715	645	7	7	1	0	715	2019	Preston	V2	2
3811	NorLin	7+7	715	645	7	7	1	0	715	2019	Preston	V3	2
3812	NorLin	7+7	715	645	7	7	1	0	715	2019	Preston	W1	4
3813	NorLin	7+7	715	645	7	7	1	0	715	2019	Preston	W2	4
3814	NorLin	7+7	715	645	7	7	1	0	715	2019	Preston	W3	1
3815	NxB-RIL-367-14	.	499	646	7	7	0	0	499	2019	Preston	STD	3
3816	NxB-RIL-367-14	.	499	646	7	7	0	0	499	2019	Preston	V1	3
3817	NxB-RIL-367-14	.	499	646	7	7	0	0	499	2019	Preston	V2	2
3818	NxB-RIL-367-14	.	499	646	7	7	0	0	499	2019	Preston	V3	3
3819	NxB-RIL-367-14	.	499	646	7	7	0	0	499	2019	Preston	W1	4
3820	NxB-RIL-367-14	.	499	646	7	7	0	0	499	2019	Preston	W2	6
3821	NxB-RIL-367-14	.	499	646	7	7	0	0	499	2019	Preston	W3	7
3822	NxB-RIL-367-9	.	494	647	7	7	0	0	494	2019	Preston	STD	3
3823	NxB-RIL-367-9	.	494	647	7	7	0	0	494	2019	Preston	V1	3
3824	NxB-RIL-367-9	.	494	647	7	7	0	0	494	2019	Preston	V2	2
3825	NxB-RIL-367-9	.	494	647	7	7	0	0	494	2019	Preston	V3	2
3826	NxB-RIL-367-9	.	494	647	7	7	0	0	494	2019	Preston	W1	5
3827	NxB-RIL-367-9	.	494	647	7	7	0	0	494	2019	Preston	W2	4
3828	NxB-RIL-367-9	.	494	647	7	7	0	0	494	2019	Preston	W3	2
3829	NxB-RIL-365-20	.	457	648	7	7	0	0	457	2019	Preston	STD	2
3830	NxB-RIL-365-20	.	457	648	7	7	0	0	457	2019	Preston	V1	2
3831	NxB-RIL-365-20	.	457	648	7	7	0	0	457	2019	Preston	V2	3
3832	NxB-RIL-365-20	.	457	648	7	7	0	0	457	2019	Preston	V3	2
3833	NxB-RIL-365-20	.	457	648	7	7	0	0	457	2019	Preston	W1	0
3834	NxB-RIL-365-20	.	457	648	7	7	0	0	457	2019	Preston	W2	3
3835	NxB-RIL-365-20	.	457	648	7	7	0	0	457	2019	Preston	W3	2
3836	NxB-RIL-363-5	.	400	649	7	7	0	0	400	2019	Preston	STD	2
3837	NxB-RIL-363-5	.	400	649	7	7	0	0	400	2019	Preston	V1	2
3838	NxB-RIL-363-5	.	400	649	7	7	0	0	400	2019	Preston	V2	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3839	NxB-RIL-363-5	.	400	649	7	7	0	0	400	2019	Preston	V3	1
3840	NxB-RIL-363-5	.	400	649	7	7	0	0	400	2019	Preston	W1	4
3841	NxB-RIL-363-5	.	400	649	7	7	0	0	400	2019	Preston	W2	4
3842	NxB-RIL-363-5	.	400	649	7	7	0	0	400	2019	Preston	W3	2
3843	BxN-RIL-346-5	.	4	650	7	8	0	0	4	2019	Preston	STD	2
3844	BxN-RIL-346-5	.	4	650	7	8	0	0	4	2019	Preston	V1	1
3845	BxN-RIL-346-5	.	4	650	7	8	0	0	4	2019	Preston	V2	2
3846	BxN-RIL-346-5	.	4	650	7	8	0	0	4	2019	Preston	V3	1
3847	BxN-RIL-346-5	.	4	650	7	8	0	0	4	2019	Preston	W1	4
3848	BxN-RIL-346-5	.	4	650	7	8	0	0	4	2019	Preston	W2	4
3849	BxN-RIL-346-5	.	4	650	7	8	0	0	4	2019	Preston	W3	1
3850	Novelty1	.	710	651	7	8	0	0	710	2019	Preston	STD	2
3851	Novelty1	.	710	651	7	8	0	0	710	2019	Preston	V1	2
3852	Novelty1	.	710	651	7	8	0	0	710	2019	Preston	V2	4
3853	Novelty1	.	710	651	7	8	0	0	710	2019	Preston	V3	2
3854	Novelty1	.	710	651	7	8	0	0	710	2019	Preston	W1	0
3855	Novelty1	.	710	651	7	8	0	0	710	2019	Preston	W2	4
3856	Novelty1	.	710	651	7	8	0	0	710	2019	Preston	W3	5
3857	BxN-RIL-350-14	.	99	652	7	8	0	0	99	2019	Preston	STD	5
3858	BxN-RIL-350-14	.	99	652	7	8	0	0	99	2019	Preston	V1	5
3859	BxN-RIL-350-14	.	99	652	7	8	0	0	99	2019	Preston	V2	3
3860	BxN-RIL-350-14	.	99	652	7	8	0	0	99	2019	Preston	V3	2
3861	BxN-RIL-350-14	.	99	652	7	8	0	0	99	2019	Preston	W1	6
3862	BxN-RIL-350-14	.	99	652	7	8	0	0	99	2019	Preston	W2	7
3863	BxN-RIL-350-14	.	99	652	7	8	0	0	99	2019	Preston	W3	4
3864	NxB-RIL-373-7	.	632	653	7	8	0	0	632	2019	Preston	STD	3
3865	NxB-RIL-373-7	.	632	653	7	8	0	0	632	2019	Preston	V1	3
3866	NxB-RIL-373-7	.	632	653	7	8	0	0	632	2019	Preston	V2	3
3867	NxB-RIL-373-7	.	632	653	7	8	0	0	632	2019	Preston	V3	3
3868	NxB-RIL-373-7	.	632	653	7	8	0	0	632	2019	Preston	W1	5
3869	NxB-RIL-373-7	.	632	653	7	8	0	0	632	2019	Preston	W2	4
3870	NxB-RIL-373-7	.	632	653	7	8	0	0	632	2019	Preston	W3	3
3871	NorLin	7+8	715	654	7	8	1	0	715	2019	Preston	STD	3
3872	NorLin	7+8	715	654	7	8	1	0	715	2019	Preston	V1	3
3873	NorLin	7+8	715	654	7	8	1	0	715	2019	Preston	V2	3
3874	NorLin	7+8	715	654	7	8	1	0	715	2019	Preston	V3	2
3875	NorLin	7+8	715	654	7	8	1	0	715	2019	Preston	W1	5
3876	NorLin	7+8	715	654	7	8	1	0	715	2019	Preston	W2	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3877	NorLin	7+8	715	654	7	8	1	0	715	2019	Preston	W3	2
3878	BxN-RIL-350-1	.	88	655	7	8	0	0	88	2019	Preston	STD	3
3879	BxN-RIL-350-1	.	88	655	7	8	0	0	88	2019	Preston	V1	3
3880	BxN-RIL-350-1	.	88	655	7	8	0	0	88	2019	Preston	V2	2
3881	BxN-RIL-350-1	.	88	655	7	8	0	0	88	2019	Preston	V3	2
3882	BxN-RIL-350-1	.	88	655	7	8	0	0	88	2019	Preston	W1	5
3883	BxN-RIL-350-1	.	88	655	7	8	0	0	88	2019	Preston	W2	4
3884	BxN-RIL-350-1	.	88	655	7	8	0	0	88	2019	Preston	W3	4
3885	NxB-RIL-368-23	.	528	656	7	8	0	0	528	2019	Preston	STD	3
3886	NxB-RIL-368-23	.	528	656	7	8	0	0	528	2019	Preston	V1	2
3887	NxB-RIL-368-23	.	528	656	7	8	0	0	528	2019	Preston	V2	3
3888	NxB-RIL-368-23	.	528	656	7	8	0	0	528	2019	Preston	V3	2
3889	NxB-RIL-368-23	.	528	656	7	8	0	0	528	2019	Preston	W1	5
3890	NxB-RIL-368-23	.	528	656	7	8	0	0	528	2019	Preston	W2	4
3891	NxB-RIL-368-23	.	528	656	7	8	0	0	528	2019	Preston	W3	4
3892	Flanders	7+8	716	657	7	8	0	1	716	2019	Preston	STD	2
3893	Flanders	7+8	716	657	7	8	0	1	716	2019	Preston	V1	3
3894	Flanders	7+8	716	657	7	8	0	1	716	2019	Preston	V2	3
3895	Flanders	7+8	716	657	7	8	0	1	716	2019	Preston	V3	2
3896	Flanders	7+8	716	657	7	8	0	1	716	2019	Preston	W1	4
3897	Flanders	7+8	716	657	7	8	0	1	716	2019	Preston	W2	4
3898	Flanders	7+8	716	657	7	8	0	1	716	2019	Preston	W3	2
3899	Novelty	7+8	717	658	7	8	0	2	717	2019	Preston	STD	2
3900	Novelty	7+8	717	658	7	8	0	2	717	2019	Preston	V1	3
3901	Novelty	7+8	717	658	7	8	0	2	717	2019	Preston	V2	4
3902	Novelty	7+8	717	658	7	8	0	2	717	2019	Preston	V3	3
3903	Novelty	7+8	717	658	7	8	0	2	717	2019	Preston	W1	0
3904	Novelty	7+8	717	658	7	8	0	2	717	2019	Preston	W2	7
3905	Novelty	7+8	717	658	7	8	0	2	717	2019	Preston	W3	7
3906	NxB-RIL-361-4	.	344	659	7	9	0	0	344	2019	Preston	STD	4
3907	NxB-RIL-361-4	.	344	659	7	9	0	0	344	2019	Preston	V1	4
3908	NxB-RIL-361-4	.	344	659	7	9	0	0	344	2019	Preston	V2	1
3909	NxB-RIL-361-4	.	344	659	7	9	0	0	344	2019	Preston	V3	1
3910	NxB-RIL-361-4	.	344	659	7	9	0	0	344	2019	Preston	W1	6
3911	NxB-RIL-361-4	.	344	659	7	9	0	0	344	2019	Preston	W2	4
3912	NxB-RIL-361-4	.	344	659	7	9	0	0	344	2019	Preston	W3	6
3913	NxB-RIL-362-8	.	378	660	7	9	0	0	378	2019	Preston	STD	2
3914	NxB-RIL-362-8	.	378	660	7	9	0	0	378	2019	Preston	V1	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3915	NxB-RIL-362-8	.	378	660	7	9	0	0	378	2019	Preston	V2	2
3916	NxB-RIL-362-8	.	378	660	7	9	0	0	378	2019	Preston	V3	2
3917	NxB-RIL-362-8	.	378	660	7	9	0	0	378	2019	Preston	W1	4
3918	NxB-RIL-362-8	.	378	660	7	9	0	0	378	2019	Preston	W2	5
3919	NxB-RIL-362-8	.	378	660	7	9	0	0	378	2019	Preston	W3	7
3920	NxB-RIL-368-17	.	522	661	7	9	0	0	522	2019	Preston	STD	3
3921	NxB-RIL-368-17	.	522	661	7	9	0	0	522	2019	Preston	V1	2
3922	NxB-RIL-368-17	.	522	661	7	9	0	0	522	2019	Preston	V2	1
3923	NxB-RIL-368-17	.	522	661	7	9	0	0	522	2019	Preston	V3	1
3924	NxB-RIL-368-17	.	522	661	7	9	0	0	522	2019	Preston	W1	5
3925	NxB-RIL-368-17	.	522	661	7	9	0	0	522	2019	Preston	W2	4
3926	NxB-RIL-368-17	.	522	661	7	9	0	0	522	2019	Preston	W3	2
3927	BxN-RIL-358-15	.	268	662	7	9	0	0	268	2019	Preston	STD	2
3928	BxN-RIL-358-15	.	268	662	7	9	0	0	268	2019	Preston	V1	2
3929	BxN-RIL-358-15	.	268	662	7	9	0	0	268	2019	Preston	V2	2
3930	BxN-RIL-358-15	.	268	662	7	9	0	0	268	2019	Preston	V3	1
3931	BxN-RIL-358-15	.	268	662	7	9	0	0	268	2019	Preston	W1	4
3932	BxN-RIL-358-15	.	268	662	7	9	0	0	268	2019	Preston	W2	2
3933	BxN-RIL-358-15	.	268	662	7	9	0	0	268	2019	Preston	W3	1
3934	NorLin	7+9	715	663	7	9	1	0	715	2019	Preston	STD	2
3935	NorLin	7+9	715	663	7	9	1	0	715	2019	Preston	V1	3
3936	NorLin	7+9	715	663	7	9	1	0	715	2019	Preston	V2	2
3937	NorLin	7+9	715	663	7	9	1	0	715	2019	Preston	V3	2
3938	NorLin	7+9	715	663	7	9	1	0	715	2019	Preston	W1	0
3939	NorLin	7+9	715	663	7	9	1	0	715	2019	Preston	W2	1
3940	NorLin	7+9	715	663	7	9	1	0	715	2019	Preston	W3	2
3941	NxB-RIL-372-24	.	619	664	7	9	0	0	619	2019	Preston	STD	3
3942	NxB-RIL-372-24	.	619	664	7	9	0	0	619	2019	Preston	V1	3
3943	NxB-RIL-372-24	.	619	664	7	9	0	0	619	2019	Preston	V2	1
3944	NxB-RIL-372-24	.	619	664	7	9	0	0	619	2019	Preston	V3	1
3945	NxB-RIL-372-24	.	619	664	7	9	0	0	619	2019	Preston	W1	0
3946	NxB-RIL-372-24	.	619	664	7	9	0	0	619	2019	Preston	W2	4
3947	NxB-RIL-372-24	.	619	664	7	9	0	0	619	2019	Preston	W3	1
3948	NxB-RIL-365-5	.	444	665	7	9	0	0	444	2019	Preston	STD	3
3949	NxB-RIL-365-5	.	444	665	7	9	0	0	444	2019	Preston	V1	2
3950	NxB-RIL-365-5	.	444	665	7	9	0	0	444	2019	Preston	V2	3
3951	NxB-RIL-365-5	.	444	665	7	9	0	0	444	2019	Preston	V3	3
3952	NxB-RIL-365-5	.	444	665	7	9	0	0	444	2019	Preston	W1	4



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3953	NxB-RIL-365-5	.	444	665	7	9	0	0	444	2019	Preston	W2	4
3954	NxB-RIL-365-5	.	444	665	7	9	0	0	444	2019	Preston	W3	4
3955	NxB-RIL-363-15	.	408	666	7	9	0	0	408	2019	Preston	STD	4
3956	NxB-RIL-363-15	.	408	666	7	9	0	0	408	2019	Preston	V1	3
3957	NxB-RIL-363-15	.	408	666	7	9	0	0	408	2019	Preston	V2	2
3958	NxB-RIL-363-15	.	408	666	7	9	0	0	408	2019	Preston	V3	1
3959	NxB-RIL-363-15	.	408	666	7	9	0	0	408	2019	Preston	W1	5
3960	NxB-RIL-363-15	.	408	666	7	9	0	0	408	2019	Preston	W2	2
3961	NxB-RIL-363-15	.	408	666	7	9	0	0	408	2019	Preston	W3	2
3962	NxB-RIL-373-3	.	628	667	7	9	0	0	628	2019	Preston	STD	2
3963	NxB-RIL-373-3	.	628	667	7	9	0	0	628	2019	Preston	V1	1
3964	NxB-RIL-373-3	.	628	667	7	9	0	0	628	2019	Preston	V2	1
3965	NxB-RIL-373-3	.	628	667	7	9	0	0	628	2019	Preston	V3	1
3966	NxB-RIL-373-3	.	628	667	7	9	0	0	628	2019	Preston	W1	0
3967	NxB-RIL-373-3	.	628	667	7	9	0	0	628	2019	Preston	W2	4
3968	NxB-RIL-373-3	.	628	667	7	9	0	0	628	2019	Preston	W3	2
3969	BxN-RIL-351-16	.	118	668	8	1	0	0	118	2019	Preston	STD	2
3970	BxN-RIL-351-16	.	118	668	8	1	0	0	118	2019	Preston	V1	1
3971	BxN-RIL-351-16	.	118	668	8	1	0	0	118	2019	Preston	V2	2
3972	BxN-RIL-351-16	.	118	668	8	1	0	0	118	2019	Preston	V3	3
3973	BxN-RIL-351-16	.	118	668	8	1	0	0	118	2019	Preston	W1	4
3974	BxN-RIL-351-16	.	118	668	8	1	0	0	118	2019	Preston	W2	5
3975	BxN-RIL-351-16	.	118	668	8	1	0	0	118	2019	Preston	W3	5
3976	BxN-RIL-351-13	.	116	669	8	1	0	0	116	2019	Preston	STD	2
3977	BxN-RIL-351-13	.	116	669	8	1	0	0	116	2019	Preston	V1	3
3978	BxN-RIL-351-13	.	116	669	8	1	0	0	116	2019	Preston	V2	1
3979	BxN-RIL-351-13	.	116	669	8	1	0	0	116	2019	Preston	V3	1
3980	BxN-RIL-351-13	.	116	669	8	1	0	0	116	2019	Preston	W1	2
3981	BxN-RIL-351-13	.	116	669	8	1	0	0	116	2019	Preston	W2	2
3982	BxN-RIL-351-13	.	116	669	8	1	0	0	116	2019	Preston	W3	1
3983	NxB-RIL-372-20	.	615	670	8	1	0	0	615	2019	Preston	STD	1
3984	NxB-RIL-372-20	.	615	670	8	1	0	0	615	2019	Preston	V1	2
3985	NxB-RIL-372-20	.	615	670	8	1	0	0	615	2019	Preston	V2	1
3986	NxB-RIL-372-20	.	615	670	8	1	0	0	615	2019	Preston	V3	1
3987	NxB-RIL-372-20	.	615	670	8	1	0	0	615	2019	Preston	W1	1
3988	NxB-RIL-372-20	.	615	670	8	1	0	0	615	2019	Preston	W2	3
3989	NxB-RIL-372-20	.	615	670	8	1	0	0	615	2019	Preston	W3	1
3990	NxB-RIL-374-17	.	669	671	8	1	0	0	669	2019	Preston	STD	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
3991	NxB-RIL-374-17	.	669	671	8	1	0	0	669	2019	Preston	V1	3
3992	NxB-RIL-374-17	.	669	671	8	1	0	0	669	2019	Preston	V2	3
3993	NxB-RIL-374-17	.	669	671	8	1	0	0	669	2019	Preston	V3	2
3994	NxB-RIL-374-17	.	669	671	8	1	0	0	669	2019	Preston	W1	2
3995	NxB-RIL-374-17	.	669	671	8	1	0	0	669	2019	Preston	W2	5
3996	NxB-RIL-374-17	.	669	671	8	1	0	0	669	2019	Preston	W3	6
3997	NorLin	8+1	715	672	8	1	1	0	715	2019	Preston	STD	2
3998	NorLin	8+1	715	672	8	1	1	0	715	2019	Preston	V1	2
3999	NorLin	8+1	715	672	8	1	1	0	715	2019	Preston	V2	2
4000	NorLin	8+1	715	672	8	1	1	0	715	2019	Preston	V3	2
4001	NorLin	8+1	715	672	8	1	1	0	715	2019	Preston	W1	2
4002	NorLin	8+1	715	672	8	1	1	0	715	2019	Preston	W2	2
4003	NorLin	8+1	715	672	8	1	1	0	715	2019	Preston	W3	2
4004	NxB-RIL-361-16	.	355	673	8	1	0	0	355	2019	Preston	STD	3
4005	NxB-RIL-361-16	.	355	673	8	1	0	0	355	2019	Preston	V1	3
4006	NxB-RIL-361-16	.	355	673	8	1	0	0	355	2019	Preston	V2	2
4007	NxB-RIL-361-16	.	355	673	8	1	0	0	355	2019	Preston	V3	2
4008	NxB-RIL-361-16	.	355	673	8	1	0	0	355	2019	Preston	W1	1
4009	NxB-RIL-361-16	.	355	673	8	1	0	0	355	2019	Preston	W2	4
4010	NxB-RIL-361-16	.	355	673	8	1	0	0	355	2019	Preston	W3	3
4011	NxB-RIL-367-20	.	505	674	8	1	0	0	505	2019	Preston	STD	2
4012	NxB-RIL-367-20	.	505	674	8	1	0	0	505	2019	Preston	V1	3
4013	NxB-RIL-367-20	.	505	674	8	1	0	0	505	2019	Preston	V2	1
4014	NxB-RIL-367-20	.	505	674	8	1	0	0	505	2019	Preston	V3	2
4015	NxB-RIL-367-20	.	505	674	8	1	0	0	505	2019	Preston	W1	2
4016	NxB-RIL-367-20	.	505	674	8	1	0	0	505	2019	Preston	W2	3
4017	NxB-RIL-367-20	.	505	674	8	1	0	0	505	2019	Preston	W3	1
4018	NxB-RIL-366-1	.	466	675	8	1	0	0	466	2019	Preston	STD	2
4019	NxB-RIL-366-1	.	466	675	8	1	0	0	466	2019	Preston	V1	2
4020	NxB-RIL-366-1	.	466	675	8	1	0	0	466	2019	Preston	V2	2
4021	NxB-RIL-366-1	.	466	675	8	1	0	0	466	2019	Preston	V3	3
4022	NxB-RIL-366-1	.	466	675	8	1	0	0	466	2019	Preston	W1	2
4023	NxB-RIL-366-1	.	466	675	8	1	0	0	466	2019	Preston	W2	4
4024	NxB-RIL-366-1	.	466	675	8	1	0	0	466	2019	Preston	W3	4
4025	BxN-RIL-352-27	.	144	676	8	1	0	0	144	2019	Preston	STD	2
4026	BxN-RIL-352-27	.	144	676	8	1	0	0	144	2019	Preston	V1	2
4027	BxN-RIL-352-27	.	144	676	8	1	0	0	144	2019	Preston	V2	3
4028	BxN-RIL-352-27	.	144	676	8	1	0	0	144	2019	Preston	V3	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4029	BxN-RIL-352-27	.	144	676	8	1	0	0	144	2019	Preston	W1	2
4030	BxN-RIL-352-27	.	144	676	8	1	0	0	144	2019	Preston	W2	6
4031	BxN-RIL-352-27	.	144	676	8	1	0	0	144	2019	Preston	W3	6
4032	NxB-RIL-366-6	.	470	677	8	2	0	0	470	2019	Preston	STD	3
4033	NxB-RIL-366-6	.	470	677	8	2	0	0	470	2019	Preston	V1	2
4034	NxB-RIL-366-6	.	470	677	8	2	0	0	470	2019	Preston	V2	1
4035	NxB-RIL-366-6	.	470	677	8	2	0	0	470	2019	Preston	V3	2
4036	NxB-RIL-366-6	.	470	677	8	2	0	0	470	2019	Preston	W1	3
4037	NxB-RIL-366-6	.	470	677	8	2	0	0	470	2019	Preston	W2	3
4038	NxB-RIL-366-6	.	470	677	8	2	0	0	470	2019	Preston	W3	2
4039	BxN-RIL-346-16	.	12	678	8	2	0	0	12	2019	Preston	STD	2
4040	BxN-RIL-346-16	.	12	678	8	2	0	0	12	2019	Preston	V1	2
4041	BxN-RIL-346-16	.	12	678	8	2	0	0	12	2019	Preston	V2	3
4042	BxN-RIL-346-16	.	12	678	8	2	0	0	12	2019	Preston	V3	1
4043	BxN-RIL-346-16	.	12	678	8	2	0	0	12	2019	Preston	W1	1
4044	BxN-RIL-346-16	.	12	678	8	2	0	0	12	2019	Preston	W2	5
4045	BxN-RIL-346-16	.	12	678	8	2	0	0	12	2019	Preston	W3	4
4046	NxB-RIL-365-25	.	462	679	8	2	0	0	462	2019	Preston	STD	2
4047	NxB-RIL-365-25	.	462	679	8	2	0	0	462	2019	Preston	V1	2
4048	NxB-RIL-365-25	.	462	679	8	2	0	0	462	2019	Preston	V2	1
4049	NxB-RIL-365-25	.	462	679	8	2	0	0	462	2019	Preston	V3	1
4050	NxB-RIL-365-25	.	462	679	8	2	0	0	462	2019	Preston	W1	2
4051	NxB-RIL-365-25	.	462	679	8	2	0	0	462	2019	Preston	W2	3
4052	NxB-RIL-365-25	.	462	679	8	2	0	0	462	2019	Preston	W3	1
4053	NxB-RIL-367-3	.	490	680	8	2	0	0	490	2019	Preston	STD	1
4054	NxB-RIL-367-3	.	490	680	8	2	0	0	490	2019	Preston	V1	1
4055	NxB-RIL-367-3	.	490	680	8	2	0	0	490	2019	Preston	V2	1
4056	NxB-RIL-367-3	.	490	680	8	2	0	0	490	2019	Preston	V3	2
4057	NxB-RIL-367-3	.	490	680	8	2	0	0	490	2019	Preston	W1	1
4058	NxB-RIL-367-3	.	490	680	8	2	0	0	490	2019	Preston	W2	3
4059	NxB-RIL-367-3	.	490	680	8	2	0	0	490	2019	Preston	W3	4
4060	NorLin	8+2	715	681	8	2	1	0	715	2019	Preston	STD	2
4061	NorLin	8+2	715	681	8	2	1	0	715	2019	Preston	V1	2
4062	NorLin	8+2	715	681	8	2	1	0	715	2019	Preston	V2	3
4063	NorLin	8+2	715	681	8	2	1	0	715	2019	Preston	V3	2
4064	NorLin	8+2	715	681	8	2	1	0	715	2019	Preston	W1	1
4065	NorLin	8+2	715	681	8	2	1	0	715	2019	Preston	W2	3
4066	NorLin	8+2	715	681	8	2	1	0	715	2019	Preston	W3	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4067	NxB-RIL-363-18	.	410	682	8	2	0	0	410	2019	Preston	STD	4
4068	NxB-RIL-363-18	.	410	682	8	2	0	0	410	2019	Preston	V1	3
4069	NxB-RIL-363-18	.	410	682	8	2	0	0	410	2019	Preston	V2	4
4070	NxB-RIL-363-18	.	410	682	8	2	0	0	410	2019	Preston	V3	3
4071	NxB-RIL-363-18	.	410	682	8	2	0	0	410	2019	Preston	W1	1
4072	NxB-RIL-363-18	.	410	682	8	2	0	0	410	2019	Preston	W2	5
4073	NxB-RIL-363-18	.	410	682	8	2	0	0	410	2019	Preston	W3	1
4074	BxN-RIL-351-24	.	124	683	8	2	0	0	124	2019	Preston	STD	4
4075	BxN-RIL-351-24	.	124	683	8	2	0	0	124	2019	Preston	V1	4
4076	BxN-RIL-351-24	.	124	683	8	2	0	0	124	2019	Preston	V2	2
4077	BxN-RIL-351-24	.	124	683	8	2	0	0	124	2019	Preston	V3	1
4078	BxN-RIL-351-24	.	124	683	8	2	0	0	124	2019	Preston	W1	2
4079	BxN-RIL-351-24	.	124	683	8	2	0	0	124	2019	Preston	W2	3
4080	BxN-RIL-351-24	.	124	683	8	2	0	0	124	2019	Preston	W3	3
4081	BxN-RIL-346-11	.	9	684	8	2	0	0	9	2019	Preston	STD	3
4082	BxN-RIL-346-11	.	9	684	8	2	0	0	9	2019	Preston	V1	3
4083	BxN-RIL-346-11	.	9	684	8	2	0	0	9	2019	Preston	V2	1
4084	BxN-RIL-346-11	.	9	684	8	2	0	0	9	2019	Preston	V3	1
4085	BxN-RIL-346-11	.	9	684	8	2	0	0	9	2019	Preston	W1	3
4086	BxN-RIL-346-11	.	9	684	8	2	0	0	9	2019	Preston	W2	3
4087	BxN-RIL-346-11	.	9	684	8	2	0	0	9	2019	Preston	W3	2
4088	BxN-RIL-359-28	.	307	685	8	2	0	0	307	2019	Preston	STD	2
4089	BxN-RIL-359-28	.	307	685	8	2	0	0	307	2019	Preston	V1	2
4090	BxN-RIL-359-28	.	307	685	8	2	0	0	307	2019	Preston	V2	2
4091	BxN-RIL-359-28	.	307	685	8	2	0	0	307	2019	Preston	V3	2
4092	BxN-RIL-359-28	.	307	685	8	2	0	0	307	2019	Preston	W1	2
4093	BxN-RIL-359-28	.	307	685	8	2	0	0	307	2019	Preston	W2	3
4094	BxN-RIL-359-28	.	307	685	8	2	0	0	307	2019	Preston	W3	2
4095	BxN-RIL-358-14	.	267	686	8	3	0	0	267	2019	Preston	STD	1
4096	BxN-RIL-358-14	.	267	686	8	3	0	0	267	2019	Preston	V1	2
4097	BxN-RIL-358-14	.	267	686	8	3	0	0	267	2019	Preston	V2	3
4098	BxN-RIL-358-14	.	267	686	8	3	0	0	267	2019	Preston	V3	3
4099	BxN-RIL-358-14	.	267	686	8	3	0	0	267	2019	Preston	W1	1
4100	BxN-RIL-358-14	.	267	686	8	3	0	0	267	2019	Preston	W2	3
4101	BxN-RIL-358-14	.	267	686	8	3	0	0	267	2019	Preston	W3	2
4102	NxB-RIL-361-18	.	357	687	8	3	0	0	357	2019	Preston	STD	4
4103	NxB-RIL-361-18	.	357	687	8	3	0	0	357	2019	Preston	V1	3
4104	NxB-RIL-361-18	.	357	687	8	3	0	0	357	2019	Preston	V2	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4105	NxB-RIL-361-18	.	357	687	8	3	0	0	357	2019	Preston	V3	2
4106	NxB-RIL-361-18	.	357	687	8	3	0	0	357	2019	Preston	W1	1
4107	NxB-RIL-361-18	.	357	687	8	3	0	0	357	2019	Preston	W2	3
4108	NxB-RIL-361-18	.	357	687	8	3	0	0	357	2019	Preston	W3	6
4109	BxN-RIL-350-5	.	91	688	8	3	0	0	91	2019	Preston	STD	3
4110	BxN-RIL-350-5	.	91	688	8	3	0	0	91	2019	Preston	V1	3
4111	BxN-RIL-350-5	.	91	688	8	3	0	0	91	2019	Preston	V2	4
4112	BxN-RIL-350-5	.	91	688	8	3	0	0	91	2019	Preston	V3	4
4113	BxN-RIL-350-5	.	91	688	8	3	0	0	91	2019	Preston	W1	2
4114	BxN-RIL-350-5	.	91	688	8	3	0	0	91	2019	Preston	W2	7
4115	BxN-RIL-350-5	.	91	688	8	3	0	0	91	2019	Preston	W3	8
4116	BxN-RIL-359-1	.	282	689	8	3	0	0	282	2019	Preston	STD	3
4117	BxN-RIL-359-1	.	282	689	8	3	0	0	282	2019	Preston	V1	4
4118	BxN-RIL-359-1	.	282	689	8	3	0	0	282	2019	Preston	V2	2
4119	BxN-RIL-359-1	.	282	689	8	3	0	0	282	2019	Preston	V3	2
4120	BxN-RIL-359-1	.	282	689	8	3	0	0	282	2019	Preston	W1	3
4121	BxN-RIL-359-1	.	282	689	8	3	0	0	282	2019	Preston	W2	4
4122	BxN-RIL-359-1	.	282	689	8	3	0	0	282	2019	Preston	W3	2
4123	NorLin	8+3	715	690	8	3	1	0	715	2019	Preston	STD	3
4124	NorLin	8+3	715	690	8	3	1	0	715	2019	Preston	V1	2
4125	NorLin	8+3	715	690	8	3	1	0	715	2019	Preston	V2	2
4126	NorLin	8+3	715	690	8	3	1	0	715	2019	Preston	V3	2
4127	NorLin	8+3	715	690	8	3	1	0	715	2019	Preston	W1	3
4128	NorLin	8+3	715	690	8	3	1	0	715	2019	Preston	W2	3
4129	NorLin	8+3	715	690	8	3	1	0	715	2019	Preston	W3	4
4130	NxB-RIL-367-10	.	495	691	8	3	0	0	495	2019	Preston	STD	1
4131	NxB-RIL-367-10	.	495	691	8	3	0	0	495	2019	Preston	V1	3
4132	NxB-RIL-367-10	.	495	691	8	3	0	0	495	2019	Preston	V2	2
4133	NxB-RIL-367-10	.	495	691	8	3	0	0	495	2019	Preston	V3	3
4134	NxB-RIL-367-10	.	495	691	8	3	0	0	495	2019	Preston	W1	3
4135	NxB-RIL-367-10	.	495	691	8	3	0	0	495	2019	Preston	W2	4
4136	NxB-RIL-367-10	.	495	691	8	3	0	0	495	2019	Preston	W3	8
4137	BxN-RIL-360-24	.	332	692	8	3	0	0	332	2019	Preston	STD	3
4138	BxN-RIL-360-24	.	332	692	8	3	0	0	332	2019	Preston	V1	4
4139	BxN-RIL-360-24	.	332	692	8	3	0	0	332	2019	Preston	V2	1
4140	BxN-RIL-360-24	.	332	692	8	3	0	0	332	2019	Preston	V3	2
4141	BxN-RIL-360-24	.	332	692	8	3	0	0	332	2019	Preston	W1	3
4142	BxN-RIL-360-24	.	332	692	8	3	0	0	332	2019	Preston	W2	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4143	BxN-RIL-360-24	.	332	692	8	3	0	0	332	2019	Preston	W3	1
4144	BxN-RIL-349-20	.	83	693	8	3	0	0	83	2019	Preston	STD	3
4145	BxN-RIL-349-20	.	83	693	8	3	0	0	83	2019	Preston	V1	3
4146	BxN-RIL-349-20	.	83	693	8	3	0	0	83	2019	Preston	V2	1
4147	BxN-RIL-349-20	.	83	693	8	3	0	0	83	2019	Preston	V3	2
4148	BxN-RIL-349-20	.	83	693	8	3	0	0	83	2019	Preston	W1	3
4149	BxN-RIL-349-20	.	83	693	8	3	0	0	83	2019	Preston	W2	3
4150	BxN-RIL-349-20	.	83	693	8	3	0	0	83	2019	Preston	W3	4
4151	NxB-RIL-371-9	.	588	694	8	3	0	0	588	2019	Preston	STD	2
4152	NxB-RIL-371-9	.	588	694	8	3	0	0	588	2019	Preston	V1	2
4153	NxB-RIL-371-9	.	588	694	8	3	0	0	588	2019	Preston	V2	1
4154	NxB-RIL-371-9	.	588	694	8	3	0	0	588	2019	Preston	V3	2
4155	NxB-RIL-371-9	.	588	694	8	3	0	0	588	2019	Preston	W1	1
4156	NxB-RIL-371-9	.	588	694	8	3	0	0	588	2019	Preston	W2	3
4157	NxB-RIL-371-9	.	588	694	8	3	0	0	588	2019	Preston	W3	2
4158	NxB-RIL-361-14	.	353	695	8	4	0	0	353	2019	Preston	STD	4
4159	NxB-RIL-361-14	.	353	695	8	4	0	0	353	2019	Preston	V1	3
4160	NxB-RIL-361-14	.	353	695	8	4	0	0	353	2019	Preston	V2	3
4161	NxB-RIL-361-14	.	353	695	8	4	0	0	353	2019	Preston	V3	3
4162	NxB-RIL-361-14	.	353	695	8	4	0	0	353	2019	Preston	W1	1
4163	NxB-RIL-361-14	.	353	695	8	4	0	0	353	2019	Preston	W2	5
4164	NxB-RIL-361-14	.	353	695	8	4	0	0	353	2019	Preston	W3	4
4165	BxN-RIL-347-21	.	42	696	8	4	0	0	42	2019	Preston	STD	3
4166	BxN-RIL-347-21	.	42	696	8	4	0	0	42	2019	Preston	V1	3
4167	BxN-RIL-347-21	.	42	696	8	4	0	0	42	2019	Preston	V2	2
4168	BxN-RIL-347-21	.	42	696	8	4	0	0	42	2019	Preston	V3	2
4169	BxN-RIL-347-21	.	42	696	8	4	0	0	42	2019	Preston	W1	1
4170	BxN-RIL-347-21	.	42	696	8	4	0	0	42	2019	Preston	W2	3
4171	BxN-RIL-347-21	.	42	696	8	4	0	0	42	2019	Preston	W3	2
4172	BxN-RIL-350-19	.	103	697	8	4	0	0	103	2019	Preston	STD	2
4173	BxN-RIL-350-19	.	103	697	8	4	0	0	103	2019	Preston	V1	3
4174	BxN-RIL-350-19	.	103	697	8	4	0	0	103	2019	Preston	V2	2
4175	BxN-RIL-350-19	.	103	697	8	4	0	0	103	2019	Preston	V3	3
4176	BxN-RIL-350-19	.	103	697	8	4	0	0	103	2019	Preston	W1	1
4177	BxN-RIL-350-19	.	103	697	8	4	0	0	103	2019	Preston	W2	3
4178	BxN-RIL-350-19	.	103	697	8	4	0	0	103	2019	Preston	W3	2
4179	NxB-RIL-361-31	.	369	698	8	4	0	0	369	2019	Preston	STD	3
4180	NxB-RIL-361-31	.	369	698	8	4	0	0	369	2019	Preston	V1	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4181	NxB-RIL-361-31	.	369	698	8	4	0	0	369	2019	Preston	V2	1
4182	NxB-RIL-361-31	.	369	698	8	4	0	0	369	2019	Preston	V3	1
4183	NxB-RIL-361-31	.	369	698	8	4	0	0	369	2019	Preston	W1	1
4184	NxB-RIL-361-31	.	369	698	8	4	0	0	369	2019	Preston	W2	3
4185	NxB-RIL-361-31	.	369	698	8	4	0	0	369	2019	Preston	W3	1
4186	NorLin	8+4	715	699	8	4	1	0	715	2019	Preston	STD	2
4187	NorLin	8+4	715	699	8	4	1	0	715	2019	Preston	V1	2
4188	NorLin	8+4	715	699	8	4	1	0	715	2019	Preston	V2	2
4189	NorLin	8+4	715	699	8	4	1	0	715	2019	Preston	V3	2
4190	NorLin	8+4	715	699	8	4	1	0	715	2019	Preston	W1	2
4191	NorLin	8+4	715	699	8	4	1	0	715	2019	Preston	W2	2
4192	NorLin	8+4	715	699	8	4	1	0	715	2019	Preston	W3	2
4193	NxB-RIL-363-21	.	413	700	8	4	0	0	413	2019	Preston	STD	4
4194	NxB-RIL-363-21	.	413	700	8	4	0	0	413	2019	Preston	V1	3
4195	NxB-RIL-363-21	.	413	700	8	4	0	0	413	2019	Preston	V2	3
4196	NxB-RIL-363-21	.	413	700	8	4	0	0	413	2019	Preston	V3	4
4197	NxB-RIL-363-21	.	413	700	8	4	0	0	413	2019	Preston	W1	1
4198	NxB-RIL-363-21	.	413	700	8	4	0	0	413	2019	Preston	W2	6
4199	NxB-RIL-363-21	.	413	700	8	4	0	0	413	2019	Preston	W3	7
4200	NxB-RIL-364-10	.	426	701	8	4	0	0	426	2019	Preston	STD	3
4201	NxB-RIL-364-10	.	426	701	8	4	0	0	426	2019	Preston	V1	4
4202	NxB-RIL-364-10	.	426	701	8	4	0	0	426	2019	Preston	V2	3
4203	NxB-RIL-364-10	.	426	701	8	4	0	0	426	2019	Preston	V3	2
4204	NxB-RIL-364-10	.	426	701	8	4	0	0	426	2019	Preston	W1	4
4205	NxB-RIL-364-10	.	426	701	8	4	0	0	426	2019	Preston	W2	4
4206	NxB-RIL-364-10	.	426	701	8	4	0	0	426	2019	Preston	W3	1
4207	NxB-RIL-361-3	.	343	702	8	4	0	0	343	2019	Preston	STD	1
4208	NxB-RIL-361-3	.	343	702	8	4	0	0	343	2019	Preston	V1	3
4209	NxB-RIL-361-3	.	343	702	8	4	0	0	343	2019	Preston	V2	4
4210	NxB-RIL-361-3	.	343	702	8	4	0	0	343	2019	Preston	V3	3
4211	NxB-RIL-361-3	.	343	702	8	4	0	0	343	2019	Preston	W1	1
4212	NxB-RIL-361-3	.	343	702	8	4	0	0	343	2019	Preston	W2	5
4213	NxB-RIL-361-3	.	343	702	8	4	0	0	343	2019	Preston	W3	4
4214	BxN-RIL-349-17	.	80	703	8	4	0	0	80	2019	Preston	STD	3
4215	BxN-RIL-349-17	.	80	703	8	4	0	0	80	2019	Preston	V1	4
4216	BxN-RIL-349-17	.	80	703	8	4	0	0	80	2019	Preston	V2	1
4217	BxN-RIL-349-17	.	80	703	8	4	0	0	80	2019	Preston	V3	2
4218	BxN-RIL-349-17	.	80	703	8	4	0	0	80	2019	Preston	W1	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4219	BxN-RIL-349-17	.	80	703	8	4	0	0	80	2019	Preston	W2	3
4220	BxN-RIL-349-17	.	80	703	8	4	0	0	80	2019	Preston	W3	2
4221	BxN-RIL-358-24	.	274	704	8	5	0	0	274	2019	Preston	STD	3
4222	BxN-RIL-358-24	.	274	704	8	5	0	0	274	2019	Preston	V1	2
4223	BxN-RIL-358-24	.	274	704	8	5	0	0	274	2019	Preston	V2	1
4224	BxN-RIL-358-24	.	274	704	8	5	0	0	274	2019	Preston	V3	1
4225	BxN-RIL-358-24	.	274	704	8	5	0	0	274	2019	Preston	W1	1
4226	BxN-RIL-358-24	.	274	704	8	5	0	0	274	2019	Preston	W2	2
4227	BxN-RIL-358-24	.	274	704	8	5	0	0	274	2019	Preston	W3	2
4228	BxN-RIL-358-23	.	273	705	8	5	0	0	273	2019	Preston	STD	3
4229	BxN-RIL-358-23	.	273	705	8	5	0	0	273	2019	Preston	V1	2
4230	BxN-RIL-358-23	.	273	705	8	5	0	0	273	2019	Preston	V2	2
4231	BxN-RIL-358-23	.	273	705	8	5	0	0	273	2019	Preston	V3	3
4232	BxN-RIL-358-23	.	273	705	8	5	0	0	273	2019	Preston	W1	0
4233	BxN-RIL-358-23	.	273	705	8	5	0	0	273	2019	Preston	W2	4
4234	BxN-RIL-358-23	.	273	705	8	5	0	0	273	2019	Preston	W3	5
4235	NxB-RIL-365-23	.	460	706	8	5	0	0	460	2019	Preston	STD	3
4236	NxB-RIL-365-23	.	460	706	8	5	0	0	460	2019	Preston	V1	3
4237	NxB-RIL-365-23	.	460	706	8	5	0	0	460	2019	Preston	V2	2
4238	NxB-RIL-365-23	.	460	706	8	5	0	0	460	2019	Preston	V3	2
4239	NxB-RIL-365-23	.	460	706	8	5	0	0	460	2019	Preston	W1	2
4240	NxB-RIL-365-23	.	460	706	8	5	0	0	460	2019	Preston	W2	4
4241	NxB-RIL-365-23	.	460	706	8	5	0	0	460	2019	Preston	W3	4
4242	NxB-RIL-362-13	.	382	707	8	5	0	0	382	2019	Preston	STD	4
4243	NxB-RIL-362-13	.	382	707	8	5	0	0	382	2019	Preston	V1	3
4244	NxB-RIL-362-13	.	382	707	8	5	0	0	382	2019	Preston	V2	2
4245	NxB-RIL-362-13	.	382	707	8	5	0	0	382	2019	Preston	V3	2
4246	NxB-RIL-362-13	.	382	707	8	5	0	0	382	2019	Preston	W1	3
4247	NxB-RIL-362-13	.	382	707	8	5	0	0	382	2019	Preston	W2	4
4248	NxB-RIL-362-13	.	382	707	8	5	0	0	382	2019	Preston	W3	2
4249	NorLin	8+5	715	708	8	5	1	0	715	2019	Preston	STD	3
4250	NorLin	8+5	715	708	8	5	1	0	715	2019	Preston	V1	3
4251	NorLin	8+5	715	708	8	5	1	0	715	2019	Preston	V2	1
4252	NorLin	8+5	715	708	8	5	1	0	715	2019	Preston	V3	2
4253	NorLin	8+5	715	708	8	5	1	0	715	2019	Preston	W1	1
4254	NorLin	8+5	715	708	8	5	1	0	715	2019	Preston	W2	3
4255	NorLin	8+5	715	708	8	5	1	0	715	2019	Preston	W3	3
4256	NxB-RIL-372-27	.	621	709	8	5	0	0	621	2019	Preston	STD	3



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4257	NxB-RIL-372-27	.	621	709	8	5	0	0	621	2019	Preston	V1	3
4258	NxB-RIL-372-27	.	621	709	8	5	0	0	621	2019	Preston	V2	2
4259	NxB-RIL-372-27	.	621	709	8	5	0	0	621	2019	Preston	V3	3
4260	NxB-RIL-372-27	.	621	709	8	5	0	0	621	2019	Preston	W1	0
4261	NxB-RIL-372-27	.	621	709	8	5	0	0	621	2019	Preston	W2	4
4262	NxB-RIL-372-27	.	621	709	8	5	0	0	621	2019	Preston	W3	5
4263	BxN-RIL-358-28	.	278	710	8	5	0	0	278	2019	Preston	STD	3
4264	BxN-RIL-358-28	.	278	710	8	5	0	0	278	2019	Preston	V1	3
4265	BxN-RIL-358-28	.	278	710	8	5	0	0	278	2019	Preston	V2	1
4266	BxN-RIL-358-28	.	278	710	8	5	0	0	278	2019	Preston	V3	1
4267	BxN-RIL-358-28	.	278	710	8	5	0	0	278	2019	Preston	W1	3
4268	BxN-RIL-358-28	.	278	710	8	5	0	0	278	2019	Preston	W2	2
4269	BxN-RIL-358-28	.	278	710	8	5	0	0	278	2019	Preston	W3	3
4270	NxB-RIL-373-14	.	639	711	8	5	0	0	639	2019	Preston	STD	2
4271	NxB-RIL-373-14	.	639	711	8	5	0	0	639	2019	Preston	V1	2
4272	NxB-RIL-373-14	.	639	711	8	5	0	0	639	2019	Preston	V2	1
4273	NxB-RIL-373-14	.	639	711	8	5	0	0	639	2019	Preston	V3	1
4274	NxB-RIL-373-14	.	639	711	8	5	0	0	639	2019	Preston	W1	1
4275	NxB-RIL-373-14	.	639	711	8	5	0	0	639	2019	Preston	W2	3
4276	NxB-RIL-373-14	.	639	711	8	5	0	0	639	2019	Preston	W3	2
4277	BxN-RIL-358-30	.	280	712	8	5	0	0	280	2019	Preston	STD	2
4278	BxN-RIL-358-30	.	280	712	8	5	0	0	280	2019	Preston	V1	2
4279	BxN-RIL-358-30	.	280	712	8	5	0	0	280	2019	Preston	V2	2
4280	BxN-RIL-358-30	.	280	712	8	5	0	0	280	2019	Preston	V3	2
4281	BxN-RIL-358-30	.	280	712	8	5	0	0	280	2019	Preston	W1	1
4282	BxN-RIL-358-30	.	280	712	8	5	0	0	280	2019	Preston	W2	3
4283	BxN-RIL-358-30	.	280	712	8	5	0	0	280	2019	Preston	W3	2
4284	NxB-RIL-373-10	.	635	713	8	6	0	0	635	2019	Preston	STD	2
4285	NxB-RIL-373-10	.	635	713	8	6	0	0	635	2019	Preston	V1	3
4286	NxB-RIL-373-10	.	635	713	8	6	0	0	635	2019	Preston	V2	1
4287	NxB-RIL-373-10	.	635	713	8	6	0	0	635	2019	Preston	V3	3
4288	NxB-RIL-373-10	.	635	713	8	6	0	0	635	2019	Preston	W1	2
4289	NxB-RIL-373-10	.	635	713	8	6	0	0	635	2019	Preston	W2	3
4290	NxB-RIL-373-10	.	635	713	8	6	0	0	635	2019	Preston	W3	6
4291	BxN-RIL-358-22	.	272	714	8	6	0	0	272	2019	Preston	STD	1
4292	BxN-RIL-358-22	.	272	714	8	6	0	0	272	2019	Preston	V1	2
4293	BxN-RIL-358-22	.	272	714	8	6	0	0	272	2019	Preston	V2	1
4294	BxN-RIL-358-22	.	272	714	8	6	0	0	272	2019	Preston	V3	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4295	BxN-RIL-358-22	.	272	714	8	6	0	0	272	2019	Preston	W1	1
4296	BxN-RIL-358-22	.	272	714	8	6	0	0	272	2019	Preston	W2	3
4297	BxN-RIL-358-22	.	272	714	8	6	0	0	272	2019	Preston	W3	4
4298	BxN-RIL-347-10	.	32	715	8	6	0	0	32	2019	Preston	STD	1
4299	BxN-RIL-347-10	.	32	715	8	6	0	0	32	2019	Preston	V1	2
4300	BxN-RIL-347-10	.	32	715	8	6	0	0	32	2019	Preston	V2	2
4301	BxN-RIL-347-10	.	32	715	8	6	0	0	32	2019	Preston	V3	3
4302	BxN-RIL-347-10	.	32	715	8	6	0	0	32	2019	Preston	W1	2
4303	BxN-RIL-347-10	.	32	715	8	6	0	0	32	2019	Preston	W2	3
4304	BxN-RIL-347-10	.	32	715	8	6	0	0	32	2019	Preston	W3	4
4305	BxN-RIL-347-12	.	34	716	8	6	0	0	34	2019	Preston	STD	2
4306	BxN-RIL-347-12	.	34	716	8	6	0	0	34	2019	Preston	V1	3
4307	BxN-RIL-347-12	.	34	716	8	6	0	0	34	2019	Preston	V2	2
4308	BxN-RIL-347-12	.	34	716	8	6	0	0	34	2019	Preston	V3	1
4309	BxN-RIL-347-12	.	34	716	8	6	0	0	34	2019	Preston	W1	1
4310	BxN-RIL-347-12	.	34	716	8	6	0	0	34	2019	Preston	W2	3
4311	BxN-RIL-347-12	.	34	716	8	6	0	0	34	2019	Preston	W3	2
4312	NorLin	8+6	715	717	8	6	1	0	715	2019	Preston	STD	2
4313	NorLin	8+6	715	717	8	6	1	0	715	2019	Preston	V1	2
4314	NorLin	8+6	715	717	8	6	1	0	715	2019	Preston	V2	1
4315	NorLin	8+6	715	717	8	6	1	0	715	2019	Preston	V3	2
4316	NorLin	8+6	715	717	8	6	1	0	715	2019	Preston	W1	2
4317	NorLin	8+6	715	717	8	6	1	0	715	2019	Preston	W2	2
4318	NorLin	8+6	715	717	8	6	1	0	715	2019	Preston	W3	1
4319	BxN-RIL-350-22	.	106	718	8	6	0	0	106	2019	Preston	STD	3
4320	BxN-RIL-350-22	.	106	718	8	6	0	0	106	2019	Preston	V1	2
4321	BxN-RIL-350-22	.	106	718	8	6	0	0	106	2019	Preston	V2	2
4322	BxN-RIL-350-22	.	106	718	8	6	0	0	106	2019	Preston	V3	3
4323	BxN-RIL-350-22	.	106	718	8	6	0	0	106	2019	Preston	W1	1
4324	BxN-RIL-350-22	.	106	718	8	6	0	0	106	2019	Preston	W2	4
4325	BxN-RIL-350-22	.	106	718	8	6	0	0	106	2019	Preston	W3	5
4326	NxB-RIL-372-1	.	601	719	8	6	0	0	601	2019	Preston	STD	3
4327	NxB-RIL-372-1	.	601	719	8	6	0	0	601	2019	Preston	V1	2
4328	NxB-RIL-372-1	.	601	719	8	6	0	0	601	2019	Preston	V2	2
4329	NxB-RIL-372-1	.	601	719	8	6	0	0	601	2019	Preston	V3	2
4330	NxB-RIL-372-1	.	601	719	8	6	0	0	601	2019	Preston	W1	3
4331	NxB-RIL-372-1	.	601	719	8	6	0	0	601	2019	Preston	W2	4
4332	NxB-RIL-372-1	.	601	719	8	6	0	0	601	2019	Preston	W3	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4333	BxN-RIL-352-19	.	138	720	8	6	0	0	138	2019	Preston	STD	3
4334	BxN-RIL-352-19	.	138	720	8	6	0	0	138	2019	Preston	V1	3
4335	BxN-RIL-352-19	.	138	720	8	6	0	0	138	2019	Preston	V2	3
4336	BxN-RIL-352-19	.	138	720	8	6	0	0	138	2019	Preston	V3	4
4337	BxN-RIL-352-19	.	138	720	8	6	0	0	138	2019	Preston	W1	4
4338	BxN-RIL-352-19	.	138	720	8	6	0	0	138	2019	Preston	W2	5
4339	BxN-RIL-352-19	.	138	720	8	6	0	0	138	2019	Preston	W3	4
4340	NxB-RIL-372-22	.	617	721	8	6	0	0	617	2019	Preston	STD	4
4341	NxB-RIL-372-22	.	617	721	8	6	0	0	617	2019	Preston	V1	4
4342	NxB-RIL-372-22	.	617	721	8	6	0	0	617	2019	Preston	V2	2
4343	NxB-RIL-372-22	.	617	721	8	6	0	0	617	2019	Preston	V3	1
4344	NxB-RIL-372-22	.	617	721	8	6	0	0	617	2019	Preston	W1	2
4345	NxB-RIL-372-22	.	617	721	8	6	0	0	617	2019	Preston	W2	4
4346	NxB-RIL-372-22	.	617	721	8	6	0	0	617	2019	Preston	W3	2
4347	NxB-RIL-374-10	.	663	722	8	7	0	0	663	2019	Preston	STD	3
4348	NxB-RIL-374-10	.	663	722	8	7	0	0	663	2019	Preston	V1	3
4349	NxB-RIL-374-10	.	663	722	8	7	0	0	663	2019	Preston	V2	2
4350	NxB-RIL-374-10	.	663	722	8	7	0	0	663	2019	Preston	V3	3
4351	NxB-RIL-374-10	.	663	722	8	7	0	0	663	2019	Preston	W1	3
4352	NxB-RIL-374-10	.	663	722	8	7	0	0	663	2019	Preston	W2	2
4353	NxB-RIL-374-10	.	663	722	8	7	0	0	663	2019	Preston	W3	1
4354	BxN-RIL-354-26	.	188	723	8	7	0	0	188	2019	Preston	STD	3
4355	BxN-RIL-354-26	.	188	723	8	7	0	0	188	2019	Preston	V1	3
4356	BxN-RIL-354-26	.	188	723	8	7	0	0	188	2019	Preston	V2	2
4357	BxN-RIL-354-26	.	188	723	8	7	0	0	188	2019	Preston	V3	2
4358	BxN-RIL-354-26	.	188	723	8	7	0	0	188	2019	Preston	W1	1
4359	BxN-RIL-354-26	.	188	723	8	7	0	0	188	2019	Preston	W2	4
4360	BxN-RIL-354-26	.	188	723	8	7	0	0	188	2019	Preston	W3	4
4361	NxB-RIL-364-26	.	440	724	8	7	0	0	440	2019	Preston	STD	3
4362	NxB-RIL-364-26	.	440	724	8	7	0	0	440	2019	Preston	V1	3
4363	NxB-RIL-364-26	.	440	724	8	7	0	0	440	2019	Preston	V2	1
4364	NxB-RIL-364-26	.	440	724	8	7	0	0	440	2019	Preston	V3	2
4365	NxB-RIL-364-26	.	440	724	8	7	0	0	440	2019	Preston	W1	3
4366	NxB-RIL-364-26	.	440	724	8	7	0	0	440	2019	Preston	W2	3
4367	NxB-RIL-364-26	.	440	724	8	7	0	0	440	2019	Preston	W3	2
4368	BxN-RIL-349-19	.	82	725	8	7	0	0	82	2019	Preston	STD	2
4369	BxN-RIL-349-19	.	82	725	8	7	0	0	82	2019	Preston	V1	3
4370	BxN-RIL-349-19	.	82	725	8	7	0	0	82	2019	Preston	V2	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4371	BxN-RIL-349-19	.	82	725	8	7	0	0	82	2019	Preston	V3	2
4372	BxN-RIL-349-19	.	82	725	8	7	0	0	82	2019	Preston	W1	4
4373	BxN-RIL-349-19	.	82	725	8	7	0	0	82	2019	Preston	W2	3
4374	BxN-RIL-349-19	.	82	725	8	7	0	0	82	2019	Preston	W3	5
4375	NorLin	8+7	715	726	8	7	1	0	715	2019	Preston	STD	3
4376	NorLin	8+7	715	726	8	7	1	0	715	2019	Preston	V1	3
4377	NorLin	8+7	715	726	8	7	1	0	715	2019	Preston	V2	2
4378	NorLin	8+7	715	726	8	7	1	0	715	2019	Preston	V3	2
4379	NorLin	8+7	715	726	8	7	1	0	715	2019	Preston	W1	3
4380	NorLin	8+7	715	726	8	7	1	0	715	2019	Preston	W2	4
4381	NorLin	8+7	715	726	8	7	1	0	715	2019	Preston	W3	2
4382	NxB-RIL-371-2	.	583	727	8	7	0	0	583	2019	Preston	STD	3
4383	NxB-RIL-371-2	.	583	727	8	7	0	0	583	2019	Preston	V1	3
4384	NxB-RIL-371-2	.	583	727	8	7	0	0	583	2019	Preston	V2	2
4385	NxB-RIL-371-2	.	583	727	8	7	0	0	583	2019	Preston	V3	2
4386	NxB-RIL-371-2	.	583	727	8	7	0	0	583	2019	Preston	W1	2
4387	NxB-RIL-371-2	.	583	727	8	7	0	0	583	2019	Preston	W2	4
4388	NxB-RIL-371-2	.	583	727	8	7	0	0	583	2019	Preston	W3	4
4389	BxN-RIL-355-6	.	196	728	8	7	0	0	196	2019	Preston	STD	2
4390	BxN-RIL-355-6	.	196	728	8	7	0	0	196	2019	Preston	V1	3
4391	BxN-RIL-355-6	.	196	728	8	7	0	0	196	2019	Preston	V2	1
4392	BxN-RIL-355-6	.	196	728	8	7	0	0	196	2019	Preston	V3	2
4393	BxN-RIL-355-6	.	196	728	8	7	0	0	196	2019	Preston	W1	1
4394	BxN-RIL-355-6	.	196	728	8	7	0	0	196	2019	Preston	W2	3
4395	BxN-RIL-355-6	.	196	728	8	7	0	0	196	2019	Preston	W3	1
4396	NxB-RIL-367-13	.	498	729	8	7	0	0	498	2019	Preston	STD	3
4397	NxB-RIL-367-13	.	498	729	8	7	0	0	498	2019	Preston	V1	3
4398	NxB-RIL-367-13	.	498	729	8	7	0	0	498	2019	Preston	V2	2
4399	NxB-RIL-367-13	.	498	729	8	7	0	0	498	2019	Preston	V3	2
4400	NxB-RIL-367-13	.	498	729	8	7	0	0	498	2019	Preston	W1	1
4401	NxB-RIL-367-13	.	498	729	8	7	0	0	498	2019	Preston	W2	4
4402	NxB-RIL-367-13	.	498	729	8	7	0	0	498	2019	Preston	W3	3
4403	NxB-RIL-370-12	.	569	730	8	7	0	0	569	2019	Preston	STD	3
4404	NxB-RIL-370-12	.	569	730	8	7	0	0	569	2019	Preston	V1	3
4405	NxB-RIL-370-12	.	569	730	8	7	0	0	569	2019	Preston	V2	3
4406	NxB-RIL-370-12	.	569	730	8	7	0	0	569	2019	Preston	V3	2
4407	NxB-RIL-370-12	.	569	730	8	7	0	0	569	2019	Preston	W1	2
4408	NxB-RIL-370-12	.	569	730	8	7	0	0	569	2019	Preston	W2	5

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4409	NxB-RIL-370-12	.	569	730	8	7	0	0	569	2019	Preston	W3	3
4410	NxB-RIL-368-6	.	515	731	8	8	0	0	515	2019	Preston	STD	2
4411	NxB-RIL-368-6	.	515	731	8	8	0	0	515	2019	Preston	V1	3
4412	NxB-RIL-368-6	.	515	731	8	8	0	0	515	2019	Preston	V2	2
4413	NxB-RIL-368-6	.	515	731	8	8	0	0	515	2019	Preston	V3	2
4414	NxB-RIL-368-6	.	515	731	8	8	0	0	515	2019	Preston	W1	2
4415	NxB-RIL-368-6	.	515	731	8	8	0	0	515	2019	Preston	W2	4
4416	NxB-RIL-368-6	.	515	731	8	8	0	0	515	2019	Preston	W3	5
4417	NxB-RIL-374-30	.	681	732	8	8	0	0	681	2019	Preston	STD	3
4418	NxB-RIL-374-30	.	681	732	8	8	0	0	681	2019	Preston	V1	3
4419	NxB-RIL-374-30	.	681	732	8	8	0	0	681	2019	Preston	V2	3
4420	NxB-RIL-374-30	.	681	732	8	8	0	0	681	2019	Preston	V3	3
4421	NxB-RIL-374-30	.	681	732	8	8	0	0	681	2019	Preston	W1	3
4422	NxB-RIL-374-30	.	681	732	8	8	0	0	681	2019	Preston	W2	6
4423	NxB-RIL-374-30	.	681	732	8	8	0	0	681	2019	Preston	W3	3
4424	Novelty2	.	711	733	8	8	0	0	711	2019	Preston	STD	4
4425	Novelty2	.	711	733	8	8	0	0	711	2019	Preston	V1	3
4426	Novelty2	.	711	733	8	8	0	0	711	2019	Preston	V2	3
4427	Novelty2	.	711	733	8	8	0	0	711	2019	Preston	V3	5
4428	Novelty2	.	711	733	8	8	0	0	711	2019	Preston	W1	3
4429	Novelty2	.	711	733	8	8	0	0	711	2019	Preston	W2	5
4430	Novelty2	.	711	733	8	8	0	0	711	2019	Preston	W3	6
4431	NxB-RIL-375-17	.	698	734	8	8	0	0	698	2019	Preston	STD	4
4432	NxB-RIL-375-17	.	698	734	8	8	0	0	698	2019	Preston	V1	5
4433	NxB-RIL-375-17	.	698	734	8	8	0	0	698	2019	Preston	V2	2
4434	NxB-RIL-375-17	.	698	734	8	8	0	0	698	2019	Preston	V3	3
4435	NxB-RIL-375-17	.	698	734	8	8	0	0	698	2019	Preston	W1	3
4436	NxB-RIL-375-17	.	698	734	8	8	0	0	698	2019	Preston	W2	4
4437	NxB-RIL-375-17	.	698	734	8	8	0	0	698	2019	Preston	W3	2
4438	NorLin	8+8	715	735	8	8	1	0	715	2019	Preston	STD	3
4439	NorLin	8+8	715	735	8	8	1	0	715	2019	Preston	V1	2
4440	NorLin	8+8	715	735	8	8	1	0	715	2019	Preston	V2	2
4441	NorLin	8+8	715	735	8	8	1	0	715	2019	Preston	V3	2
4442	NorLin	8+8	715	735	8	8	1	0	715	2019	Preston	W1	1
4443	NorLin	8+8	715	735	8	8	1	0	715	2019	Preston	W2	4
4444	NorLin	8+8	715	735	8	8	1	0	715	2019	Preston	W3	2
4445	NxB-RIL-373-20	.	645	736	8	8	0	0	645	2019	Preston	STD	3
4446	NxB-RIL-373-20	.	645	736	8	8	0	0	645	2019	Preston	V1	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4447	NxB-RIL-373-20	.	645	736	8	8	0	0	645	2019	Preston	V2	3
4448	NxB-RIL-373-20	.	645	736	8	8	0	0	645	2019	Preston	V3	3
4449	NxB-RIL-373-20	.	645	736	8	8	0	0	645	2019	Preston	W1	2
4450	NxB-RIL-373-20	.	645	736	8	8	0	0	645	2019	Preston	W2	5
4451	NxB-RIL-373-20	.	645	736	8	8	0	0	645	2019	Preston	W3	2
4452	NxB-RIL-366-13	.	477	737	8	8	0	0	477	2019	Preston	STD	2
4453	NxB-RIL-366-13	.	477	737	8	8	0	0	477	2019	Preston	V1	3
4454	NxB-RIL-366-13	.	477	737	8	8	0	0	477	2019	Preston	V2	2
4455	NxB-RIL-366-13	.	477	737	8	8	0	0	477	2019	Preston	V3	2
4456	NxB-RIL-366-13	.	477	737	8	8	0	0	477	2019	Preston	W1	3
4457	NxB-RIL-366-13	.	477	737	8	8	0	0	477	2019	Preston	W2	4
4458	NxB-RIL-366-13	.	477	737	8	8	0	0	477	2019	Preston	W3	2
4459	NxB-RIL-361-27	.	366	738	8	8	0	0	366	2019	Preston	STD	3
4460	NxB-RIL-361-27	.	366	738	8	8	0	0	366	2019	Preston	V1	3
4461	NxB-RIL-361-27	.	366	738	8	8	0	0	366	2019	Preston	V2	3
4462	NxB-RIL-361-27	.	366	738	8	8	0	0	366	2019	Preston	V3	3
4463	NxB-RIL-361-27	.	366	738	8	8	0	0	366	2019	Preston	W1	3
4464	NxB-RIL-361-27	.	366	738	8	8	0	0	366	2019	Preston	W2	5
4465	NxB-RIL-361-27	.	366	738	8	8	0	0	366	2019	Preston	W3	3
4466	NxB-RIL-367-16	.	501	739	8	8	0	0	501	2019	Preston	STD	3
4467	NxB-RIL-367-16	.	501	739	8	8	0	0	501	2019	Preston	V1	3
4468	NxB-RIL-367-16	.	501	739	8	8	0	0	501	2019	Preston	V2	2
4469	NxB-RIL-367-16	.	501	739	8	8	0	0	501	2019	Preston	V3	2
4470	NxB-RIL-367-16	.	501	739	8	8	0	0	501	2019	Preston	W1	4
4471	NxB-RIL-367-16	.	501	739	8	8	0	0	501	2019	Preston	W2	3
4472	NxB-RIL-367-16	.	501	739	8	8	0	0	501	2019	Preston	W3	1
4473	NxB-RIL-363-11	.	404	740	8	9	0	0	404	2019	Preston	STD	3
4474	NxB-RIL-363-11	.	404	740	8	9	0	0	404	2019	Preston	V1	2
4475	NxB-RIL-363-11	.	404	740	8	9	0	0	404	2019	Preston	V2	1
4476	NxB-RIL-363-11	.	404	740	8	9	0	0	404	2019	Preston	V3	1
4477	NxB-RIL-363-11	.	404	740	8	9	0	0	404	2019	Preston	W1	2
4478	NxB-RIL-363-11	.	404	740	8	9	0	0	404	2019	Preston	W2	3
4479	NxB-RIL-363-11	.	404	740	8	9	0	0	404	2019	Preston	W3	2
4480	NxB-RIL-370-10	.	567	741	8	9	0	0	567	2019	Preston	STD	2
4481	NxB-RIL-370-10	.	567	741	8	9	0	0	567	2019	Preston	V1	2
4482	NxB-RIL-370-10	.	567	741	8	9	0	0	567	2019	Preston	V2	2
4483	NxB-RIL-370-10	.	567	741	8	9	0	0	567	2019	Preston	V3	1
4484	NxB-RIL-370-10	.	567	741	8	9	0	0	567	2019	Preston	W1	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4485	NxB-RIL-370-10	.	567	741	8	9	0	0	567	2019	Preston	W2	4
4486	NxB-RIL-370-10	.	567	741	8	9	0	0	567	2019	Preston	W3	1
4487	BxN-RIL-358-25	.	275	742	8	9	0	0	275	2019	Preston	STD	2
4488	BxN-RIL-358-25	.	275	742	8	9	0	0	275	2019	Preston	V1	2
4489	BxN-RIL-358-25	.	275	742	8	9	0	0	275	2019	Preston	V2	2
4490	BxN-RIL-358-25	.	275	742	8	9	0	0	275	2019	Preston	V3	1
4491	BxN-RIL-358-25	.	275	742	8	9	0	0	275	2019	Preston	W1	3
4492	BxN-RIL-358-25	.	275	742	8	9	0	0	275	2019	Preston	W2	4
4493	BxN-RIL-358-25	.	275	742	8	9	0	0	275	2019	Preston	W3	1
4494	BxN-RIL-350-21	.	105	743	8	9	0	0	105	2019	Preston	STD	3
4495	BxN-RIL-350-21	.	105	743	8	9	0	0	105	2019	Preston	V1	2
4496	BxN-RIL-350-21	.	105	743	8	9	0	0	105	2019	Preston	V2	2
4497	BxN-RIL-350-21	.	105	743	8	9	0	0	105	2019	Preston	V3	2
4498	BxN-RIL-350-21	.	105	743	8	9	0	0	105	2019	Preston	W1	2
4499	BxN-RIL-350-21	.	105	743	8	9	0	0	105	2019	Preston	W2	4
4500	BxN-RIL-350-21	.	105	743	8	9	0	0	105	2019	Preston	W3	4
4501	NorLin	8+9	715	744	8	9	1	0	715	2019	Preston	STD	4
4502	NorLin	8+9	715	744	8	9	1	0	715	2019	Preston	V1	3
4503	NorLin	8+9	715	744	8	9	1	0	715	2019	Preston	V2	3
4504	NorLin	8+9	715	744	8	9	1	0	715	2019	Preston	V3	3
4505	NorLin	8+9	715	744	8	9	1	0	715	2019	Preston	W1	2
4506	NorLin	8+9	715	744	8	9	1	0	715	2019	Preston	W2	4
4507	NorLin	8+9	715	744	8	9	1	0	715	2019	Preston	W3	2
4508	BxN-RIL-353-16	.	161	745	8	9	0	0	161	2019	Preston	STD	2
4509	BxN-RIL-353-16	.	161	745	8	9	0	0	161	2019	Preston	V1	4
4510	BxN-RIL-353-16	.	161	745	8	9	0	0	161	2019	Preston	V2	2
4511	BxN-RIL-353-16	.	161	745	8	9	0	0	161	2019	Preston	V3	3
4512	BxN-RIL-353-16	.	161	745	8	9	0	0	161	2019	Preston	W1	1
4513	BxN-RIL-353-16	.	161	745	8	9	0	0	161	2019	Preston	W2	4
4514	BxN-RIL-353-16	.	161	745	8	9	0	0	161	2019	Preston	W3	3
4515	NxB-RIL-374-16	.	668	746	8	9	0	0	668	2019	Preston	STD	3
4516	NxB-RIL-374-16	.	668	746	8	9	0	0	668	2019	Preston	V1	3
4517	NxB-RIL-374-16	.	668	746	8	9	0	0	668	2019	Preston	V2	2
4518	NxB-RIL-374-16	.	668	746	8	9	0	0	668	2019	Preston	V3	2
4519	NxB-RIL-374-16	.	668	746	8	9	0	0	668	2019	Preston	W1	3
4520	NxB-RIL-374-16	.	668	746	8	9	0	0	668	2019	Preston	W2	3
4521	NxB-RIL-374-16	.	668	746	8	9	0	0	668	2019	Preston	W3	1
4522	NxB-RIL-371-15	.	594	747	8	9	0	0	594	2019	Preston	STD	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4523	NxB-RIL-371-15	.	594	747	8	9	0	0	594	2019	Preston	V1	2
4524	NxB-RIL-371-15	.	594	747	8	9	0	0	594	2019	Preston	V2	3
4525	NxB-RIL-371-15	.	594	747	8	9	0	0	594	2019	Preston	V3	2
4526	NxB-RIL-371-15	.	594	747	8	9	0	0	594	2019	Preston	W1	1
4527	NxB-RIL-371-15	.	594	747	8	9	0	0	594	2019	Preston	W2	4
4528	NxB-RIL-371-15	.	594	747	8	9	0	0	594	2019	Preston	W3	3
4529	NxB-RIL-367-17	.	502	748	8	9	0	0	502	2019	Preston	STD	3
4530	NxB-RIL-367-17	.	502	748	8	9	0	0	502	2019	Preston	V1	2
4531	NxB-RIL-367-17	.	502	748	8	9	0	0	502	2019	Preston	V2	3
4532	NxB-RIL-367-17	.	502	748	8	9	0	0	502	2019	Preston	V3	3
4533	NxB-RIL-367-17	.	502	748	8	9	0	0	502	2019	Preston	W1	1
4534	NxB-RIL-367-17	.	502	748	8	9	0	0	502	2019	Preston	W2	5
4535	NxB-RIL-367-17	.	502	748	8	9	0	0	502	2019	Preston	W3	4
4536	NxB-RIL-371-10	.	589	749	9	1	0	0	589	2019	Preston	STD	3
4537	NxB-RIL-371-10	.	589	749	9	1	0	0	589	2019	Preston	V1	3
4538	NxB-RIL-371-10	.	589	749	9	1	0	0	589	2019	Preston	V2	2
4539	NxB-RIL-371-10	.	589	749	9	1	0	0	589	2019	Preston	V3	3
4540	NxB-RIL-371-10	.	589	749	9	1	0	0	589	2019	Preston	W1	2
4541	NxB-RIL-371-10	.	589	749	9	1	0	0	589	2019	Preston	W2	4
4542	NxB-RIL-371-10	.	589	749	9	1	0	0	589	2019	Preston	W3	5
4543	NxB-RIL-369-26	.	556	750	9	1	0	0	556	2019	Preston	STD	3
4544	NxB-RIL-369-26	.	556	750	9	1	0	0	556	2019	Preston	V1	3
4545	NxB-RIL-369-26	.	556	750	9	1	0	0	556	2019	Preston	V2	4
4546	NxB-RIL-369-26	.	556	750	9	1	0	0	556	2019	Preston	V3	3
4547	NxB-RIL-369-26	.	556	750	9	1	0	0	556	2019	Preston	W1	2
4548	NxB-RIL-369-26	.	556	750	9	1	0	0	556	2019	Preston	W2	6
4549	NxB-RIL-369-26	.	556	750	9	1	0	0	556	2019	Preston	W3	3
4550	BxN-RIL-357-24	.	251	751	9	1	0	0	251	2019	Preston	STD	4
4551	BxN-RIL-357-24	.	251	751	9	1	0	0	251	2019	Preston	V1	5
4552	BxN-RIL-357-24	.	251	751	9	1	0	0	251	2019	Preston	V2	2
4553	BxN-RIL-357-24	.	251	751	9	1	0	0	251	2019	Preston	V3	2
4554	BxN-RIL-357-24	.	251	751	9	1	0	0	251	2019	Preston	W1	4
4555	BxN-RIL-357-24	.	251	751	9	1	0	0	251	2019	Preston	W2	3
4556	BxN-RIL-357-24	.	251	751	9	1	0	0	251	2019	Preston	W3	2
4557	NxB-RIL-372-10	.	607	752	9	1	0	0	607	2019	Preston	STD	3
4558	NxB-RIL-372-10	.	607	752	9	1	0	0	607	2019	Preston	V1	3
4559	NxB-RIL-372-10	.	607	752	9	1	0	0	607	2019	Preston	V2	2
4560	NxB-RIL-372-10	.	607	752	9	1	0	0	607	2019	Preston	V3	3



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4561	NxB-RIL-372-10	.	607	752	9	1	0	0	607	2019	Preston	W1	1
4562	NxB-RIL-372-10	.	607	752	9	1	0	0	607	2019	Preston	W2	4
4563	NxB-RIL-372-10	.	607	752	9	1	0	0	607	2019	Preston	W3	6
4564	NorLin	9+1	715	753	9	1	1	0	715	2019	Preston	STD	2
4565	NorLin	9+1	715	753	9	1	1	0	715	2019	Preston	V1	2
4566	NorLin	9+1	715	753	9	1	1	0	715	2019	Preston	V2	3
4567	NorLin	9+1	715	753	9	1	1	0	715	2019	Preston	V3	2
4568	NorLin	9+1	715	753	9	1	1	0	715	2019	Preston	W1	1
4569	NorLin	9+1	715	753	9	1	1	0	715	2019	Preston	W2	3
4570	NorLin	9+1	715	753	9	1	1	0	715	2019	Preston	W3	2
4571	BxN-RIL-346-13	.	10	754	9	1	0	0	10	2019	Preston	STD	3
4572	BxN-RIL-346-13	.	10	754	9	1	0	0	10	2019	Preston	V1	2
4573	BxN-RIL-346-13	.	10	754	9	1	0	0	10	2019	Preston	V2	3
4574	BxN-RIL-346-13	.	10	754	9	1	0	0	10	2019	Preston	V3	3
4575	BxN-RIL-346-13	.	10	754	9	1	0	0	10	2019	Preston	W1	1
4576	BxN-RIL-346-13	.	10	754	9	1	0	0	10	2019	Preston	W2	4
4577	BxN-RIL-346-13	.	10	754	9	1	0	0	10	2019	Preston	W3	5
4578	BxN-RIL-355-7	.	197	755	9	1	0	0	197	2019	Preston	STD	2
4579	BxN-RIL-355-7	.	197	755	9	1	0	0	197	2019	Preston	V1	2
4580	BxN-RIL-355-7	.	197	755	9	1	0	0	197	2019	Preston	V2	2
4581	BxN-RIL-355-7	.	197	755	9	1	0	0	197	2019	Preston	V3	2
4582	BxN-RIL-355-7	.	197	755	9	1	0	0	197	2019	Preston	W1	2
4583	BxN-RIL-355-7	.	197	755	9	1	0	0	197	2019	Preston	W2	3
4584	BxN-RIL-355-7	.	197	755	9	1	0	0	197	2019	Preston	W3	2
4585	NxB-RIL-375-22	.	703	756	9	1	0	0	703	2019	Preston	STD	2
4586	NxB-RIL-375-22	.	703	756	9	1	0	0	703	2019	Preston	V1	3
4587	NxB-RIL-375-22	.	703	756	9	1	0	0	703	2019	Preston	V2	1
4588	NxB-RIL-375-22	.	703	756	9	1	0	0	703	2019	Preston	V3	2
4589	NxB-RIL-375-22	.	703	756	9	1	0	0	703	2019	Preston	W1	2
4590	NxB-RIL-375-22	.	703	756	9	1	0	0	703	2019	Preston	W2	2
4591	NxB-RIL-375-22	.	703	756	9	1	0	0	703	2019	Preston	W3	3
4592	BxN-RIL-352-1	.	125	757	9	1	0	0	125	2019	Preston	STD	1
4593	BxN-RIL-352-1	.	125	757	9	1	0	0	125	2019	Preston	V1	2
4594	BxN-RIL-352-1	.	125	757	9	1	0	0	125	2019	Preston	V2	3
4595	BxN-RIL-352-1	.	125	757	9	1	0	0	125	2019	Preston	V3	4
4596	BxN-RIL-352-1	.	125	757	9	1	0	0	125	2019	Preston	W1	1
4597	BxN-RIL-352-1	.	125	757	9	1	0	0	125	2019	Preston	W2	4
4598	BxN-RIL-352-1	.	125	757	9	1	0	0	125	2019	Preston	W3	5

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4599	NxB-RIL-369-8	.	541	758	9	2	0	0	541	2019	Preston	STD	3
4600	NxB-RIL-369-8	.	541	758	9	2	0	0	541	2019	Preston	V1	2
4601	NxB-RIL-369-8	.	541	758	9	2	0	0	541	2019	Preston	V2	2
4602	NxB-RIL-369-8	.	541	758	9	2	0	0	541	2019	Preston	V3	3
4603	NxB-RIL-369-8	.	541	758	9	2	0	0	541	2019	Preston	W1	3
4604	NxB-RIL-369-8	.	541	758	9	2	0	0	541	2019	Preston	W2	3
4605	NxB-RIL-369-8	.	541	758	9	2	0	0	541	2019	Preston	W3	3
4606	BxN-RIL-356-1	.	212	759	9	2	0	0	212	2019	Preston	STD	2
4607	BxN-RIL-356-1	.	212	759	9	2	0	0	212	2019	Preston	V1	3
4608	BxN-RIL-356-1	.	212	759	9	2	0	0	212	2019	Preston	V2	3
4609	BxN-RIL-356-1	.	212	759	9	2	0	0	212	2019	Preston	V3	2
4610	BxN-RIL-356-1	.	212	759	9	2	0	0	212	2019	Preston	W1	1
4611	BxN-RIL-356-1	.	212	759	9	2	0	0	212	2019	Preston	W2	4
4612	BxN-RIL-356-1	.	212	759	9	2	0	0	212	2019	Preston	W3	2
4613	BxN-RIL-353-23	.	167	760	9	2	0	0	167	2019	Preston	STD	2
4614	BxN-RIL-353-23	.	167	760	9	2	0	0	167	2019	Preston	V1	3
4615	BxN-RIL-353-23	.	167	760	9	2	0	0	167	2019	Preston	V2	3
4616	BxN-RIL-353-23	.	167	760	9	2	0	0	167	2019	Preston	V3	3
4617	BxN-RIL-353-23	.	167	760	9	2	0	0	167	2019	Preston	W1	1
4618	BxN-RIL-353-23	.	167	760	9	2	0	0	167	2019	Preston	W2	4
4619	BxN-RIL-353-23	.	167	760	9	2	0	0	167	2019	Preston	W3	3
4620	BxN-RIL-358-13	.	266	761	9	2	0	0	266	2019	Preston	STD	2
4621	BxN-RIL-358-13	.	266	761	9	2	0	0	266	2019	Preston	V1	2
4622	BxN-RIL-358-13	.	266	761	9	2	0	0	266	2019	Preston	V2	3
4623	BxN-RIL-358-13	.	266	761	9	2	0	0	266	2019	Preston	V3	4
4624	BxN-RIL-358-13	.	266	761	9	2	0	0	266	2019	Preston	W1	1
4625	BxN-RIL-358-13	.	266	761	9	2	0	0	266	2019	Preston	W2	5
4626	BxN-RIL-358-13	.	266	761	9	2	0	0	266	2019	Preston	W3	6
4627	NorLin	9+2	715	762	9	2	1	0	715	2019	Preston	STD	3
4628	NorLin	9+2	715	762	9	2	1	0	715	2019	Preston	V1	3
4629	NorLin	9+2	715	762	9	2	1	0	715	2019	Preston	V2	3
4630	NorLin	9+2	715	762	9	2	1	0	715	2019	Preston	V3	3
4631	NorLin	9+2	715	762	9	2	1	0	715	2019	Preston	W1	2
4632	NorLin	9+2	715	762	9	2	1	0	715	2019	Preston	W2	4
4633	NorLin	9+2	715	762	9	2	1	0	715	2019	Preston	W3	3
4634	BxN-RIL-358-6	.	261	763	9	2	0	0	261	2019	Preston	STD	4
4635	BxN-RIL-358-6	.	261	763	9	2	0	0	261	2019	Preston	V1	4
4636	BxN-RIL-358-6	.	261	763	9	2	0	0	261	2019	Preston	V2	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4637	BxN-RIL-358-6	.	261	763	9	2	0	0	261	2019	Preston	V3	2
4638	BxN-RIL-358-6	.	261	763	9	2	0	0	261	2019	Preston	W1	1
4639	BxN-RIL-358-6	.	261	763	9	2	0	0	261	2019	Preston	W2	4
4640	BxN-RIL-358-6	.	261	763	9	2	0	0	261	2019	Preston	W3	4
4641	BxN-RIL-349-21	.	84	764	9	2	0	0	84	2019	Preston	STD	4
4642	BxN-RIL-349-21	.	84	764	9	2	0	0	84	2019	Preston	V1	4
4643	BxN-RIL-349-21	.	84	764	9	2	0	0	84	2019	Preston	V2	2
4644	BxN-RIL-349-21	.	84	764	9	2	0	0	84	2019	Preston	V3	3
4645	BxN-RIL-349-21	.	84	764	9	2	0	0	84	2019	Preston	W1	2
4646	BxN-RIL-349-21	.	84	764	9	2	0	0	84	2019	Preston	W2	3
4647	BxN-RIL-349-21	.	84	764	9	2	0	0	84	2019	Preston	W3	3
4648	BxN-RIL-350-15	.	100	765	9	2	0	0	100	2019	Preston	STD	3
4649	BxN-RIL-350-15	.	100	765	9	2	0	0	100	2019	Preston	V1	4
4650	BxN-RIL-350-15	.	100	765	9	2	0	0	100	2019	Preston	V2	2
4651	BxN-RIL-350-15	.	100	765	9	2	0	0	100	2019	Preston	V3	2
4652	BxN-RIL-350-15	.	100	765	9	2	0	0	100	2019	Preston	W1	2
4653	BxN-RIL-350-15	.	100	765	9	2	0	0	100	2019	Preston	W2	3
4654	BxN-RIL-350-15	.	100	765	9	2	0	0	100	2019	Preston	W3	2
4655	NxB-RIL-369-27	.	557	766	9	2	0	0	557	2019	Preston	STD	2
4656	NxB-RIL-369-27	.	557	766	9	2	0	0	557	2019	Preston	V1	3
4657	NxB-RIL-369-27	.	557	766	9	2	0	0	557	2019	Preston	V2	2
4658	NxB-RIL-369-27	.	557	766	9	2	0	0	557	2019	Preston	V3	2
4659	NxB-RIL-369-27	.	557	766	9	2	0	0	557	2019	Preston	W1	2
4660	NxB-RIL-369-27	.	557	766	9	2	0	0	557	2019	Preston	W2	4
4661	NxB-RIL-369-27	.	557	766	9	2	0	0	557	2019	Preston	W3	3
4662	NxB-RIL-374-23	.	674	767	9	3	0	0	674	2019	Preston	STD	2
4663	NxB-RIL-374-23	.	674	767	9	3	0	0	674	2019	Preston	V1	2
4664	NxB-RIL-374-23	.	674	767	9	3	0	0	674	2019	Preston	V2	2
4665	NxB-RIL-374-23	.	674	767	9	3	0	0	674	2019	Preston	V3	2
4666	NxB-RIL-374-23	.	674	767	9	3	0	0	674	2019	Preston	W1	1
4667	NxB-RIL-374-23	.	674	767	9	3	0	0	674	2019	Preston	W2	3
4668	NxB-RIL-374-23	.	674	767	9	3	0	0	674	2019	Preston	W3	2
4669	BxN-RIL-357-25	.	252	768	9	3	0	0	252	2019	Preston	STD	2
4670	BxN-RIL-357-25	.	252	768	9	3	0	0	252	2019	Preston	V1	2
4671	BxN-RIL-357-25	.	252	768	9	3	0	0	252	2019	Preston	V2	3
4672	BxN-RIL-357-25	.	252	768	9	3	0	0	252	2019	Preston	V3	3
4673	BxN-RIL-357-25	.	252	768	9	3	0	0	252	2019	Preston	W1	1
4674	BxN-RIL-357-25	.	252	768	9	3	0	0	252	2019	Preston	W2	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4675	BxN-RIL-357-25	.	252	768	9	3	0	0	252	2019	Preston	W3	3
4676	BxN-RIL-351-12	.	115	769	9	3	0	0	115	2019	Preston	STD	3
4677	BxN-RIL-351-12	.	115	769	9	3	0	0	115	2019	Preston	V1	3
4678	BxN-RIL-351-12	.	115	769	9	3	0	0	115	2019	Preston	V2	4
4679	BxN-RIL-351-12	.	115	769	9	3	0	0	115	2019	Preston	V3	3
4680	BxN-RIL-351-12	.	115	769	9	3	0	0	115	2019	Preston	W1	1
4681	BxN-RIL-351-12	.	115	769	9	3	0	0	115	2019	Preston	W2	5
4682	BxN-RIL-351-12	.	115	769	9	3	0	0	115	2019	Preston	W3	4
4683	BxN-RIL-354-8	.	174	770	9	3	0	0	174	2019	Preston	STD	4
4684	BxN-RIL-354-8	.	174	770	9	3	0	0	174	2019	Preston	V1	4
4685	BxN-RIL-354-8	.	174	770	9	3	0	0	174	2019	Preston	V2	3
4686	BxN-RIL-354-8	.	174	770	9	3	0	0	174	2019	Preston	V3	3
4687	BxN-RIL-354-8	.	174	770	9	3	0	0	174	2019	Preston	W1	2
4688	BxN-RIL-354-8	.	174	770	9	3	0	0	174	2019	Preston	W2	4
4689	BxN-RIL-354-8	.	174	770	9	3	0	0	174	2019	Preston	W3	5
4690	NorLin	9+3	715	771	9	3	1	0	715	2019	Preston	STD	3
4691	NorLin	9+3	715	771	9	3	1	0	715	2019	Preston	V1	2
4692	NorLin	9+3	715	771	9	3	1	0	715	2019	Preston	V2	2
4693	NorLin	9+3	715	771	9	3	1	0	715	2019	Preston	V3	2
4694	NorLin	9+3	715	771	9	3	1	0	715	2019	Preston	W1	1
4695	NorLin	9+3	715	771	9	3	1	0	715	2019	Preston	W2	3
4696	NorLin	9+3	715	771	9	3	1	0	715	2019	Preston	W3	3
4697	Flanders	9+3	716	772	9	3	0	1	716	2019	Preston	STD	3
4698	Flanders	9+3	716	772	9	3	0	1	716	2019	Preston	V1	3
4699	Flanders	9+3	716	772	9	3	0	1	716	2019	Preston	V2	2
4700	Flanders	9+3	716	772	9	3	0	1	716	2019	Preston	V3	3
4701	Flanders	9+3	716	772	9	3	0	1	716	2019	Preston	W1	1
4702	Flanders	9+3	716	772	9	3	0	1	716	2019	Preston	W2	3
4703	Flanders	9+3	716	772	9	3	0	1	716	2019	Preston	W3	3
4704	NxB-RIL-366-21	.	482	773	9	3	0	0	482	2019	Preston	STD	3
4705	NxB-RIL-366-21	.	482	773	9	3	0	0	482	2019	Preston	V1	3
4706	NxB-RIL-366-21	.	482	773	9	3	0	0	482	2019	Preston	V2	4
4707	NxB-RIL-366-21	.	482	773	9	3	0	0	482	2019	Preston	V3	4
4708	NxB-RIL-366-21	.	482	773	9	3	0	0	482	2019	Preston	W1	2
4709	NxB-RIL-366-21	.	482	773	9	3	0	0	482	2019	Preston	W2	6
4710	NxB-RIL-366-21	.	482	773	9	3	0	0	482	2019	Preston	W3	6
4711	Novelty	9+3	717	774	9	3	0	2	717	2019	Preston	STD	3
4712	Novelty	9+3	717	774	9	3	0	2	717	2019	Preston	V1	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4713	Novelty	9+3	717	774	9	3	0	2	717	2019	Preston	V2	4
4714	Novelty	9+3	717	774	9	3	0	2	717	2019	Preston	V3	3
4715	Novelty	9+3	717	774	9	3	0	2	717	2019	Preston	W1	3
4716	Novelty	9+3	717	774	9	3	0	2	717	2019	Preston	W2	5
4717	Novelty	9+3	717	774	9	3	0	2	717	2019	Preston	W3	5
4718	BxN-RIL-348-4	.	48	775	9	3	0	0	48	2019	Preston	STD	5
4719	BxN-RIL-348-4	.	48	775	9	3	0	0	48	2019	Preston	V1	5
4720	BxN-RIL-348-4	.	48	775	9	3	0	0	48	2019	Preston	V2	2
4721	BxN-RIL-348-4	.	48	775	9	3	0	0	48	2019	Preston	V3	2
4722	BxN-RIL-348-4	.	48	775	9	3	0	0	48	2019	Preston	W1	4
4723	BxN-RIL-348-4	.	48	775	9	3	0	0	48	2019	Preston	W2	3
4724	BxN-RIL-348-4	.	48	775	9	3	0	0	48	2019	Preston	W3	3
4725	NxB-RIL-363-16	.	409	776	9	4	0	0	409	2019	Preston	STD	3
4726	NxB-RIL-363-16	.	409	776	9	4	0	0	409	2019	Preston	V1	3
4727	NxB-RIL-363-16	.	409	776	9	4	0	0	409	2019	Preston	V2	2
4728	NxB-RIL-363-16	.	409	776	9	4	0	0	409	2019	Preston	V3	3
4729	NxB-RIL-363-16	.	409	776	9	4	0	0	409	2019	Preston	W1	2
4730	NxB-RIL-363-16	.	409	776	9	4	0	0	409	2019	Preston	W2	4
4731	NxB-RIL-363-16	.	409	776	9	4	0	0	409	2019	Preston	W3	4
4732	BxN-RIL-360-17	.	325	777	9	4	0	0	325	2019	Preston	STD	3
4733	BxN-RIL-360-17	.	325	777	9	4	0	0	325	2019	Preston	V1	3
4734	BxN-RIL-360-17	.	325	777	9	4	0	0	325	2019	Preston	V2	2
4735	BxN-RIL-360-17	.	325	777	9	4	0	0	325	2019	Preston	V3	3
4736	BxN-RIL-360-17	.	325	777	9	4	0	0	325	2019	Preston	W1	2
4737	BxN-RIL-360-17	.	325	777	9	4	0	0	325	2019	Preston	W2	3
4738	BxN-RIL-360-17	.	325	777	9	4	0	0	325	2019	Preston	W3	3
4739	BxN-RIL-346-19	.	15	778	9	4	0	0	15	2019	Preston	STD	2
4740	BxN-RIL-346-19	.	15	778	9	4	0	0	15	2019	Preston	V1	3
4741	BxN-RIL-346-19	.	15	778	9	4	0	0	15	2019	Preston	V2	2
4742	BxN-RIL-346-19	.	15	778	9	4	0	0	15	2019	Preston	V3	2
4743	BxN-RIL-346-19	.	15	778	9	4	0	0	15	2019	Preston	W1	1
4744	BxN-RIL-346-19	.	15	778	9	4	0	0	15	2019	Preston	W2	4
4745	BxN-RIL-346-19	.	15	778	9	4	0	0	15	2019	Preston	W3	3
4746	BxN-RIL-359-16	.	296	779	9	4	0	0	296	2019	Preston	STD	2
4747	BxN-RIL-359-16	.	296	779	9	4	0	0	296	2019	Preston	V1	3
4748	BxN-RIL-359-16	.	296	779	9	4	0	0	296	2019	Preston	V2	1
4749	BxN-RIL-359-16	.	296	779	9	4	0	0	296	2019	Preston	V3	2
4750	BxN-RIL-359-16	.	296	779	9	4	0	0	296	2019	Preston	W1	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4751	BxN-RIL-359-16	.	296	779	9	4	0	0	296	2019	Preston	W2	2
4752	BxN-RIL-359-16	.	296	779	9	4	0	0	296	2019	Preston	W3	2
4753	NorLin	9+4	715	780	9	4	1	0	715	2019	Preston	STD	3
4754	NorLin	9+4	715	780	9	4	1	0	715	2019	Preston	V1	3
4755	NorLin	9+4	715	780	9	4	1	0	715	2019	Preston	V2	2
4756	NorLin	9+4	715	780	9	4	1	0	715	2019	Preston	V3	2
4757	NorLin	9+4	715	780	9	4	1	0	715	2019	Preston	W1	2
4758	NorLin	9+4	715	780	9	4	1	0	715	2019	Preston	W2	3
4759	NorLin	9+4	715	780	9	4	1	0	715	2019	Preston	W3	3
4760	BxN-RIL-359-13	.	293	781	9	4	0	0	293	2019	Preston	STD	3
4761	BxN-RIL-359-13	.	293	781	9	4	0	0	293	2019	Preston	V1	3
4762	BxN-RIL-359-13	.	293	781	9	4	0	0	293	2019	Preston	V2	3
4763	BxN-RIL-359-13	.	293	781	9	4	0	0	293	2019	Preston	V3	5
4764	BxN-RIL-359-13	.	293	781	9	4	0	0	293	2019	Preston	W1	2
4765	BxN-RIL-359-13	.	293	781	9	4	0	0	293	2019	Preston	W2	5
4766	BxN-RIL-359-13	.	293	781	9	4	0	0	293	2019	Preston	W3	7
4767	BxN-RIL-353-26	.	169	782	9	4	0	0	169	2019	Preston	STD	4
4768	BxN-RIL-353-26	.	169	782	9	4	0	0	169	2019	Preston	V1	4
4769	BxN-RIL-353-26	.	169	782	9	4	0	0	169	2019	Preston	V2	2
4770	BxN-RIL-353-26	.	169	782	9	4	0	0	169	2019	Preston	V3	3
4771	BxN-RIL-353-26	.	169	782	9	4	0	0	169	2019	Preston	W1	3
4772	BxN-RIL-353-26	.	169	782	9	4	0	0	169	2019	Preston	W2	3
4773	BxN-RIL-353-26	.	169	782	9	4	0	0	169	2019	Preston	W3	5
4774	NxB-RIL-362-30	.	394	783	9	4	0	0	394	2019	Preston	STD	3
4775	NxB-RIL-362-30	.	394	783	9	4	0	0	394	2019	Preston	V1	4
4776	NxB-RIL-362-30	.	394	783	9	4	0	0	394	2019	Preston	V2	3
4777	NxB-RIL-362-30	.	394	783	9	4	0	0	394	2019	Preston	V3	4
4778	NxB-RIL-362-30	.	394	783	9	4	0	0	394	2019	Preston	W1	2
4779	NxB-RIL-362-30	.	394	783	9	4	0	0	394	2019	Preston	W2	4
4780	NxB-RIL-362-30	.	394	783	9	4	0	0	394	2019	Preston	W3	6
4781	NxB-RIL-372-30	.	624	784	9	4	0	0	624	2019	Preston	STD	2
4782	NxB-RIL-372-30	.	624	784	9	4	0	0	624	2019	Preston	V1	4
4783	NxB-RIL-372-30	.	624	784	9	4	0	0	624	2019	Preston	V2	3
4784	NxB-RIL-372-30	.	624	784	9	4	0	0	624	2019	Preston	V3	2
4785	NxB-RIL-372-30	.	624	784	9	4	0	0	624	2019	Preston	W1	3
4786	NxB-RIL-372-30	.	624	784	9	4	0	0	624	2019	Preston	W2	4
4787	NxB-RIL-372-30	.	624	784	9	4	0	0	624	2019	Preston	W3	3
4788	NxB-RIL-362-16	.	385	785	9	5	0	0	385	2019	Preston	STD	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4789	NxB-RIL-362-16	.	385	785	9	5	0	0	385	2019	Preston	V1	3
4790	NxB-RIL-362-16	.	385	785	9	5	0	0	385	2019	Preston	V2	3
4791	NxB-RIL-362-16	.	385	785	9	5	0	0	385	2019	Preston	V3	3
4792	NxB-RIL-362-16	.	385	785	9	5	0	0	385	2019	Preston	W1	2
4793	NxB-RIL-362-16	.	385	785	9	5	0	0	385	2019	Preston	W2	4
4794	NxB-RIL-362-16	.	385	785	9	5	0	0	385	2019	Preston	W3	3
4795	BxN-RIL-352-23	.	141	786	9	5	0	0	141	2019	Preston	STD	3
4796	BxN-RIL-352-23	.	141	786	9	5	0	0	141	2019	Preston	V1	3
4797	BxN-RIL-352-23	.	141	786	9	5	0	0	141	2019	Preston	V2	2
4798	BxN-RIL-352-23	.	141	786	9	5	0	0	141	2019	Preston	V3	3
4799	BxN-RIL-352-23	.	141	786	9	5	0	0	141	2019	Preston	W1	1
4800	BxN-RIL-352-23	.	141	786	9	5	0	0	141	2019	Preston	W2	4
4801	BxN-RIL-352-23	.	141	786	9	5	0	0	141	2019	Preston	W3	5
4802	NxB-RIL-365-27	.	464	787	9	5	0	0	464	2019	Preston	STD	3
4803	NxB-RIL-365-27	.	464	787	9	5	0	0	464	2019	Preston	V1	2
4804	NxB-RIL-365-27	.	464	787	9	5	0	0	464	2019	Preston	V2	2
4805	NxB-RIL-365-27	.	464	787	9	5	0	0	464	2019	Preston	V3	3
4806	NxB-RIL-365-27	.	464	787	9	5	0	0	464	2019	Preston	W1	2
4807	NxB-RIL-365-27	.	464	787	9	5	0	0	464	2019	Preston	W2	4
4808	NxB-RIL-365-27	.	464	787	9	5	0	0	464	2019	Preston	W3	5
4809	NxB-RIL-373-9	.	634	788	9	5	0	0	634	2019	Preston	STD	3
4810	NxB-RIL-373-9	.	634	788	9	5	0	0	634	2019	Preston	V1	3
4811	NxB-RIL-373-9	.	634	788	9	5	0	0	634	2019	Preston	V2	3
4812	NxB-RIL-373-9	.	634	788	9	5	0	0	634	2019	Preston	V3	2
4813	NxB-RIL-373-9	.	634	788	9	5	0	0	634	2019	Preston	W1	2
4814	NxB-RIL-373-9	.	634	788	9	5	0	0	634	2019	Preston	W2	5
4815	NxB-RIL-373-9	.	634	788	9	5	0	0	634	2019	Preston	W3	3
4816	NorLin	9+5	715	789	9	5	1	0	715	2019	Preston	STD	3
4817	NorLin	9+5	715	789	9	5	1	0	715	2019	Preston	V1	3
4818	NorLin	9+5	715	789	9	5	1	0	715	2019	Preston	V2	2
4819	NorLin	9+5	715	789	9	5	1	0	715	2019	Preston	V3	2
4820	NorLin	9+5	715	789	9	5	1	0	715	2019	Preston	W1	1
4821	NorLin	9+5	715	789	9	5	1	0	715	2019	Preston	W2	3
4822	NorLin	9+5	715	789	9	5	1	0	715	2019	Preston	W3	2
4823	BxN-RIL-348-24	.	66	790	9	5	0	0	66	2019	Preston	STD	3
4824	BxN-RIL-348-24	.	66	790	9	5	0	0	66	2019	Preston	V1	2
4825	BxN-RIL-348-24	.	66	790	9	5	0	0	66	2019	Preston	V2	1
4826	BxN-RIL-348-24	.	66	790	9	5	0	0	66	2019	Preston	V3	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4827	BxN-RIL-348-24	.	66	790	9	5	0	0	66	2019	Preston	W1	1
4828	BxN-RIL-348-24	.	66	790	9	5	0	0	66	2019	Preston	W2	2
4829	BxN-RIL-348-24	.	66	790	9	5	0	0	66	2019	Preston	W3	3
4830	NxB-RIL-366-7	.	471	791	9	5	0	0	471	2019	Preston	STD	3
4831	NxB-RIL-366-7	.	471	791	9	5	0	0	471	2019	Preston	V1	2
4832	NxB-RIL-366-7	.	471	791	9	5	0	0	471	2019	Preston	V2	1
4833	NxB-RIL-366-7	.	471	791	9	5	0	0	471	2019	Preston	V3	2
4834	NxB-RIL-366-7	.	471	791	9	5	0	0	471	2019	Preston	W1	2
4835	NxB-RIL-366-7	.	471	791	9	5	0	0	471	2019	Preston	W2	3
4836	NxB-RIL-366-7	.	471	791	9	5	0	0	471	2019	Preston	W3	3
4837	NxB-RIL-369-3	.	536	792	9	5	0	0	536	2019	Preston	STD	1
4838	NxB-RIL-369-3	.	536	792	9	5	0	0	536	2019	Preston	V1	2
4839	NxB-RIL-369-3	.	536	792	9	5	0	0	536	2019	Preston	V2	2
4840	NxB-RIL-369-3	.	536	792	9	5	0	0	536	2019	Preston	V3	3
4841	NxB-RIL-369-3	.	536	792	9	5	0	0	536	2019	Preston	W1	1
4842	NxB-RIL-369-3	.	536	792	9	5	0	0	536	2019	Preston	W2	3
4843	NxB-RIL-369-3	.	536	792	9	5	0	0	536	2019	Preston	W3	4
4844	NxB-RIL-364-4	.	420	793	9	5	0	0	420	2019	Preston	STD	2
4845	NxB-RIL-364-4	.	420	793	9	5	0	0	420	2019	Preston	V1	2
4846	NxB-RIL-364-4	.	420	793	9	5	0	0	420	2019	Preston	V2	2
4847	NxB-RIL-364-4	.	420	793	9	5	0	0	420	2019	Preston	V3	3
4848	NxB-RIL-364-4	.	420	793	9	5	0	0	420	2019	Preston	W1	1
4849	NxB-RIL-364-4	.	420	793	9	5	0	0	420	2019	Preston	W2	3
4850	NxB-RIL-364-4	.	420	793	9	5	0	0	420	2019	Preston	W3	3
4851	NxB-RIL-367-6	.	492	794	9	6	0	0	492	2019	Preston	STD	2
4852	NxB-RIL-367-6	.	492	794	9	6	0	0	492	2019	Preston	V1	2
4853	NxB-RIL-367-6	.	492	794	9	6	0	0	492	2019	Preston	V2	2
4854	NxB-RIL-367-6	.	492	794	9	6	0	0	492	2019	Preston	V3	3
4855	NxB-RIL-367-6	.	492	794	9	6	0	0	492	2019	Preston	W1	1
4856	NxB-RIL-367-6	.	492	794	9	6	0	0	492	2019	Preston	W2	4
4857	NxB-RIL-367-6	.	492	794	9	6	0	0	492	2019	Preston	W3	4
4858	NxB-RIL-367-19	.	504	795	9	6	0	0	504	2019	Preston	STD	2
4859	NxB-RIL-367-19	.	504	795	9	6	0	0	504	2019	Preston	V1	1
4860	NxB-RIL-367-19	.	504	795	9	6	0	0	504	2019	Preston	V2	3
4861	NxB-RIL-367-19	.	504	795	9	6	0	0	504	2019	Preston	V3	4
4862	NxB-RIL-367-19	.	504	795	9	6	0	0	504	2019	Preston	W1	1
4863	NxB-RIL-367-19	.	504	795	9	6	0	0	504	2019	Preston	W2	4
4864	NxB-RIL-367-19	.	504	795	9	6	0	0	504	2019	Preston	W3	4



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4865	BxN-RIL-357-32	.	257	796	9	6	0	0	257	2019	Preston	STD	2
4866	BxN-RIL-357-32	.	257	796	9	6	0	0	257	2019	Preston	V1	3
4867	BxN-RIL-357-32	.	257	796	9	6	0	0	257	2019	Preston	V2	1
4868	BxN-RIL-357-32	.	257	796	9	6	0	0	257	2019	Preston	V3	2
4869	BxN-RIL-357-32	.	257	796	9	6	0	0	257	2019	Preston	W1	1
4870	BxN-RIL-357-32	.	257	796	9	6	0	0	257	2019	Preston	W2	2
4871	BxN-RIL-357-32	.	257	796	9	6	0	0	257	2019	Preston	W3	2
4872	BxN-RIL-360-27	.	335	797	9	6	0	0	335	2019	Preston	STD	2
4873	BxN-RIL-360-27	.	335	797	9	6	0	0	335	2019	Preston	V1	1
4874	BxN-RIL-360-27	.	335	797	9	6	0	0	335	2019	Preston	V2	3
4875	BxN-RIL-360-27	.	335	797	9	6	0	0	335	2019	Preston	V3	4
4876	BxN-RIL-360-27	.	335	797	9	6	0	0	335	2019	Preston	W1	1
4877	BxN-RIL-360-27	.	335	797	9	6	0	0	335	2019	Preston	W2	4
4878	BxN-RIL-360-27	.	335	797	9	6	0	0	335	2019	Preston	W3	5
4879	NorLin	9+6	715	798	9	6	1	0	715	2019	Preston	STD	2
4880	NorLin	9+6	715	798	9	6	1	0	715	2019	Preston	V1	3
4881	NorLin	9+6	715	798	9	6	1	0	715	2019	Preston	V2	2
4882	NorLin	9+6	715	798	9	6	1	0	715	2019	Preston	V3	2
4883	NorLin	9+6	715	798	9	6	1	0	715	2019	Preston	W1	1
4884	NorLin	9+6	715	798	9	6	1	0	715	2019	Preston	W2	3
4885	NorLin	9+6	715	798	9	6	1	0	715	2019	Preston	W3	3
4886	NxB-RIL-367-1	.	488	799	9	6	0	0	488	2019	Preston	STD	2
4887	NxB-RIL-367-1	.	488	799	9	6	0	0	488	2019	Preston	V1	2
4888	NxB-RIL-367-1	.	488	799	9	6	0	0	488	2019	Preston	V2	1
4889	NxB-RIL-367-1	.	488	799	9	6	0	0	488	2019	Preston	V3	2
4890	NxB-RIL-367-1	.	488	799	9	6	0	0	488	2019	Preston	W1	1
4891	NxB-RIL-367-1	.	488	799	9	6	0	0	488	2019	Preston	W2	3
4892	NxB-RIL-367-1	.	488	799	9	6	0	0	488	2019	Preston	W3	3
4893	NxB-RIL-367-5	.	491	800	9	6	0	0	491	2019	Preston	STD	2
4894	NxB-RIL-367-5	.	491	800	9	6	0	0	491	2019	Preston	V1	2
4895	NxB-RIL-367-5	.	491	800	9	6	0	0	491	2019	Preston	V2	1
4896	NxB-RIL-367-5	.	491	800	9	6	0	0	491	2019	Preston	V3	3
4897	NxB-RIL-367-5	.	491	800	9	6	0	0	491	2019	Preston	W1	1
4898	NxB-RIL-367-5	.	491	800	9	6	0	0	491	2019	Preston	W2	3
4899	NxB-RIL-367-5	.	491	800	9	6	0	0	491	2019	Preston	W3	3
4900	NxB-RIL-375-9	.	691	801	9	6	0	0	691	2019	Preston	STD	1
4901	NxB-RIL-375-9	.	691	801	9	6	0	0	691	2019	Preston	V1	2
4902	NxB-RIL-375-9	.	691	801	9	6	0	0	691	2019	Preston	V2	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4903	NxB-RIL-375-9	.	691	801	9	6	0	0	691	2019	Preston	V3	2
4904	NxB-RIL-375-9	.	691	801	9	6	0	0	691	2019	Preston	W1	1
4905	NxB-RIL-375-9	.	691	801	9	6	0	0	691	2019	Preston	W2	3
4906	NxB-RIL-375-9	.	691	801	9	6	0	0	691	2019	Preston	W3	3
4907	BxN-RIL-353-1	.	146	802	9	6	0	0	146	2019	Preston	STD	2
4908	BxN-RIL-353-1	.	146	802	9	6	0	0	146	2019	Preston	V1	1
4909	BxN-RIL-353-1	.	146	802	9	6	0	0	146	2019	Preston	V2	3
4910	BxN-RIL-353-1	.	146	802	9	6	0	0	146	2019	Preston	V3	3
4911	BxN-RIL-353-1	.	146	802	9	6	0	0	146	2019	Preston	W1	0
4912	BxN-RIL-353-1	.	146	802	9	6	0	0	146	2019	Preston	W2	4
4913	BxN-RIL-353-1	.	146	802	9	6	0	0	146	2019	Preston	W3	4
4914	BxN-RIL-352-22	.	140	803	9	7	0	0	140	2019	Preston	STD	2
4915	BxN-RIL-352-22	.	140	803	9	7	0	0	140	2019	Preston	V1	3
4916	BxN-RIL-352-22	.	140	803	9	7	0	0	140	2019	Preston	V2	2
4917	BxN-RIL-352-22	.	140	803	9	7	0	0	140	2019	Preston	V3	2
4918	BxN-RIL-352-22	.	140	803	9	7	0	0	140	2019	Preston	W1	1
4919	BxN-RIL-352-22	.	140	803	9	7	0	0	140	2019	Preston	W2	3
4920	BxN-RIL-352-22	.	140	803	9	7	0	0	140	2019	Preston	W3	3
4921	NxB-RIL-371-3	.	584	804	9	7	0	0	584	2019	Preston	STD	2
4922	NxB-RIL-371-3	.	584	804	9	7	0	0	584	2019	Preston	V1	2
4923	NxB-RIL-371-3	.	584	804	9	7	0	0	584	2019	Preston	V2	3
4924	NxB-RIL-371-3	.	584	804	9	7	0	0	584	2019	Preston	V3	3
4925	NxB-RIL-371-3	.	584	804	9	7	0	0	584	2019	Preston	W1	1
4926	NxB-RIL-371-3	.	584	804	9	7	0	0	584	2019	Preston	W2	5
4927	NxB-RIL-371-3	.	584	804	9	7	0	0	584	2019	Preston	W3	3
4928	BxN-RIL-348-18	.	61	805	9	7	0	0	61	2019	Preston	STD	3
4929	BxN-RIL-348-18	.	61	805	9	7	0	0	61	2019	Preston	V1	3
4930	BxN-RIL-348-18	.	61	805	9	7	0	0	61	2019	Preston	V2	2
4931	BxN-RIL-348-18	.	61	805	9	7	0	0	61	2019	Preston	V3	2
4932	BxN-RIL-348-18	.	61	805	9	7	0	0	61	2019	Preston	W1	2
4933	BxN-RIL-348-18	.	61	805	9	7	0	0	61	2019	Preston	W2	3
4934	BxN-RIL-348-18	.	61	805	9	7	0	0	61	2019	Preston	W3	3
4935	NxB-RIL-373-5	.	630	806	9	7	0	0	630	2019	Preston	STD	2
4936	NxB-RIL-373-5	.	630	806	9	7	0	0	630	2019	Preston	V1	3
4937	NxB-RIL-373-5	.	630	806	9	7	0	0	630	2019	Preston	V2	2
4938	NxB-RIL-373-5	.	630	806	9	7	0	0	630	2019	Preston	V3	2
4939	NxB-RIL-373-5	.	630	806	9	7	0	0	630	2019	Preston	W1	1
4940	NxB-RIL-373-5	.	630	806	9	7	0	0	630	2019	Preston	W2	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4941	NxB-RIL-373-5	.	630	806	9	7	0	0	630	2019	Preston	W3	3
4942	NorLin	9+7	715	807	9	7	1	0	715	2019	Preston	STD	2
4943	NorLin	9+7	715	807	9	7	1	0	715	2019	Preston	V1	2
4944	NorLin	9+7	715	807	9	7	1	0	715	2019	Preston	V2	3
4945	NorLin	9+7	715	807	9	7	1	0	715	2019	Preston	V3	3
4946	NorLin	9+7	715	807	9	7	1	0	715	2019	Preston	W1	1
4947	NorLin	9+7	715	807	9	7	1	0	715	2019	Preston	W2	3
4948	NorLin	9+7	715	807	9	7	1	0	715	2019	Preston	W3	3
4949	NxB-RIL-370-9	.	566	808	9	7	0	0	566	2019	Preston	STD	2
4950	NxB-RIL-370-9	.	566	808	9	7	0	0	566	2019	Preston	V1	2
4951	NxB-RIL-370-9	.	566	808	9	7	0	0	566	2019	Preston	V2	3
4952	NxB-RIL-370-9	.	566	808	9	7	0	0	566	2019	Preston	V3	3
4953	NxB-RIL-370-9	.	566	808	9	7	0	0	566	2019	Preston	W1	0
4954	NxB-RIL-370-9	.	566	808	9	7	0	0	566	2019	Preston	W2	4
4955	NxB-RIL-370-9	.	566	808	9	7	0	0	566	2019	Preston	W3	3
4956	BxN-RIL-356-13	.	222	809	9	7	0	0	222	2019	Preston	STD	1
4957	BxN-RIL-356-13	.	222	809	9	7	0	0	222	2019	Preston	V1	2
4958	BxN-RIL-356-13	.	222	809	9	7	0	0	222	2019	Preston	V2	3
4959	BxN-RIL-356-13	.	222	809	9	7	0	0	222	2019	Preston	V3	2
4960	BxN-RIL-356-13	.	222	809	9	7	0	0	222	2019	Preston	W1	1
4961	BxN-RIL-356-13	.	222	809	9	7	0	0	222	2019	Preston	W2	4
4962	BxN-RIL-356-13	.	222	809	9	7	0	0	222	2019	Preston	W3	3
4963	BxN-RIL-357-9	.	239	810	9	7	0	0	239	2019	Preston	STD	2
4964	BxN-RIL-357-9	.	239	810	9	7	0	0	239	2019	Preston	V1	1
4965	BxN-RIL-357-9	.	239	810	9	7	0	0	239	2019	Preston	V2	2
4966	BxN-RIL-357-9	.	239	810	9	7	0	0	239	2019	Preston	V3	3
4967	BxN-RIL-357-9	.	239	810	9	7	0	0	239	2019	Preston	W1	0
4968	BxN-RIL-357-9	.	239	810	9	7	0	0	239	2019	Preston	W2	4
4969	BxN-RIL-357-9	.	239	810	9	7	0	0	239	2019	Preston	W3	5
4970	NxB-RIL-361-33	.	371	811	9	7	0	0	371	2019	Preston	STD	2
4971	NxB-RIL-361-33	.	371	811	9	7	0	0	371	2019	Preston	V1	2
4972	NxB-RIL-361-33	.	371	811	9	7	0	0	371	2019	Preston	V2	2
4973	NxB-RIL-361-33	.	371	811	9	7	0	0	371	2019	Preston	V3	3
4974	NxB-RIL-361-33	.	371	811	9	7	0	0	371	2019	Preston	W1	2
4975	NxB-RIL-361-33	.	371	811	9	7	0	0	371	2019	Preston	W2	3
4976	NxB-RIL-361-33	.	371	811	9	7	0	0	371	2019	Preston	W3	4
4977	BxN-RIL-352-2	.	126	812	9	8	0	0	126	2019	Preston	STD	1
4978	BxN-RIL-352-2	.	126	812	9	8	0	0	126	2019	Preston	V1	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
4979	BxN-RIL-352-2	.	126	812	9	8	0	0	126	2019	Preston	V2	2
4980	BxN-RIL-352-2	.	126	812	9	8	0	0	126	2019	Preston	V3	3
4981	BxN-RIL-352-2	.	126	812	9	8	0	0	126	2019	Preston	W1	1
4982	BxN-RIL-352-2	.	126	812	9	8	0	0	126	2019	Preston	W2	4
4983	BxN-RIL-352-2	.	126	812	9	8	0	0	126	2019	Preston	W3	3
4984	BxN-RIL-356-17	.	226	813	9	8	0	0	226	2019	Preston	STD	2
4985	BxN-RIL-356-17	.	226	813	9	8	0	0	226	2019	Preston	V1	3
4986	BxN-RIL-356-17	.	226	813	9	8	0	0	226	2019	Preston	V2	2
4987	BxN-RIL-356-17	.	226	813	9	8	0	0	226	2019	Preston	V3	2
4988	BxN-RIL-356-17	.	226	813	9	8	0	0	226	2019	Preston	W1	2
4989	BxN-RIL-356-17	.	226	813	9	8	0	0	226	2019	Preston	W2	3
4990	BxN-RIL-356-17	.	226	813	9	8	0	0	226	2019	Preston	W3	3
4991	BxN-RIL-346-18	.	14	814	9	8	0	0	14	2019	Preston	STD	2
4992	BxN-RIL-346-18	.	14	814	9	8	0	0	14	2019	Preston	V1	2
4993	BxN-RIL-346-18	.	14	814	9	8	0	0	14	2019	Preston	V2	1
4994	BxN-RIL-346-18	.	14	814	9	8	0	0	14	2019	Preston	V3	2
4995	BxN-RIL-346-18	.	14	814	9	8	0	0	14	2019	Preston	W1	1
4996	BxN-RIL-346-18	.	14	814	9	8	0	0	14	2019	Preston	W2	2
4997	BxN-RIL-346-18	.	14	814	9	8	0	0	14	2019	Preston	W3	2
4998	NxB-RIL-367-24	.	509	815	9	8	0	0	509	2019	Preston	STD	1
4999	NxB-RIL-367-24	.	509	815	9	8	0	0	509	2019	Preston	V1	1
5000	NxB-RIL-367-24	.	509	815	9	8	0	0	509	2019	Preston	V2	3
5001	NxB-RIL-367-24	.	509	815	9	8	0	0	509	2019	Preston	V3	3
5002	NxB-RIL-367-24	.	509	815	9	8	0	0	509	2019	Preston	W1	0
5003	NxB-RIL-367-24	.	509	815	9	8	0	0	509	2019	Preston	W2	4
5004	NxB-RIL-367-24	.	509	815	9	8	0	0	509	2019	Preston	W3	3
5005	NorLin	9+8	715	816	9	8	1	0	715	2019	Preston	STD	3
5006	NorLin	9+8	715	816	9	8	1	0	715	2019	Preston	V1	3
5007	NorLin	9+8	715	816	9	8	1	0	715	2019	Preston	V2	2
5008	NorLin	9+8	715	816	9	8	1	0	715	2019	Preston	V3	3
5009	NorLin	9+8	715	816	9	8	1	0	715	2019	Preston	W1	1
5010	NorLin	9+8	715	816	9	8	1	0	715	2019	Preston	W2	4
5011	NorLin	9+8	715	816	9	8	1	0	715	2019	Preston	W3	3
5012	NxB-RIL-371-7	.	586	817	9	8	0	0	586	2019	Preston	STD	2
5013	NxB-RIL-371-7	.	586	817	9	8	0	0	586	2019	Preston	V1	3
5014	NxB-RIL-371-7	.	586	817	9	8	0	0	586	2019	Preston	V2	2
5015	NxB-RIL-371-7	.	586	817	9	8	0	0	586	2019	Preston	V3	3
5016	NxB-RIL-371-7	.	586	817	9	8	0	0	586	2019	Preston	W1	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5017	NxB-RIL-371-7	.	586	817	9	8	0	0	586	2019	Preston	W2	4
5018	NxB-RIL-371-7	.	586	817	9	8	0	0	586	2019	Preston	W3	4
5019	NxB-RIL-372-13	.	610	818	9	8	0	0	610	2019	Preston	STD	2
5020	NxB-RIL-372-13	.	610	818	9	8	0	0	610	2019	Preston	V1	3
5021	NxB-RIL-372-13	.	610	818	9	8	0	0	610	2019	Preston	V2	2
5022	NxB-RIL-372-13	.	610	818	9	8	0	0	610	2019	Preston	V3	3
5023	NxB-RIL-372-13	.	610	818	9	8	0	0	610	2019	Preston	W1	3
5024	NxB-RIL-372-13	.	610	818	9	8	0	0	610	2019	Preston	W2	3
5025	NxB-RIL-372-13	.	610	818	9	8	0	0	610	2019	Preston	W3	3
5026	NxB-RIL-373-2	.	627	819	9	8	0	0	627	2019	Preston	STD	2
5027	NxB-RIL-373-2	.	627	819	9	8	0	0	627	2019	Preston	V1	2
5028	NxB-RIL-373-2	.	627	819	9	8	0	0	627	2019	Preston	V2	3
5029	NxB-RIL-373-2	.	627	819	9	8	0	0	627	2019	Preston	V3	3
5030	NxB-RIL-373-2	.	627	819	9	8	0	0	627	2019	Preston	W1	1
5031	NxB-RIL-373-2	.	627	819	9	8	0	0	627	2019	Preston	W2	4
5032	NxB-RIL-373-2	.	627	819	9	8	0	0	627	2019	Preston	W3	3
5033	NxB-RIL-369-13	.	546	820	9	8	0	0	546	2019	Preston	STD	2
5034	NxB-RIL-369-13	.	546	820	9	8	0	0	546	2019	Preston	V1	3
5035	NxB-RIL-369-13	.	546	820	9	8	0	0	546	2019	Preston	V2	2
5036	NxB-RIL-369-13	.	546	820	9	8	0	0	546	2019	Preston	V3	2
5037	NxB-RIL-369-13	.	546	820	9	8	0	0	546	2019	Preston	W1	2
5038	NxB-RIL-369-13	.	546	820	9	8	0	0	546	2019	Preston	W2	4
5039	NxB-RIL-369-13	.	546	820	9	8	0	0	546	2019	Preston	W3	3
5040	BxN-RIL-346-21	.	17	821	9	9	0	0	17	2019	Preston	STD	3
5041	BxN-RIL-346-21	.	17	821	9	9	0	0	17	2019	Preston	V1	3
5042	BxN-RIL-346-21	.	17	821	9	9	0	0	17	2019	Preston	V2	1
5043	BxN-RIL-346-21	.	17	821	9	9	0	0	17	2019	Preston	V3	2
5044	BxN-RIL-346-21	.	17	821	9	9	0	0	17	2019	Preston	W1	1
5045	BxN-RIL-346-21	.	17	821	9	9	0	0	17	2019	Preston	W2	3
5046	BxN-RIL-346-21	.	17	821	9	9	0	0	17	2019	Preston	W3	2
5047	BxN-RIL-355-4	.	194	822	9	9	0	0	194	2019	Preston	STD	2
5048	BxN-RIL-355-4	.	194	822	9	9	0	0	194	2019	Preston	V1	3
5049	BxN-RIL-355-4	.	194	822	9	9	0	0	194	2019	Preston	V2	2
5050	BxN-RIL-355-4	.	194	822	9	9	0	0	194	2019	Preston	V3	3
5051	BxN-RIL-355-4	.	194	822	9	9	0	0	194	2019	Preston	W1	2
5052	BxN-RIL-355-4	.	194	822	9	9	0	0	194	2019	Preston	W2	4
5053	BxN-RIL-355-4	.	194	822	9	9	0	0	194	2019	Preston	W3	5
5054	BxN-RIL-360-29	.	337	823	9	9	0	0	337	2019	Preston	STD	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5055	BxN-RIL-360-29	.	337	823	9	9	0	0	337	2019	Preston	V1	4
5056	BxN-RIL-360-29	.	337	823	9	9	0	0	337	2019	Preston	V2	2
5057	BxN-RIL-360-29	.	337	823	9	9	0	0	337	2019	Preston	V3	4
5058	BxN-RIL-360-29	.	337	823	9	9	0	0	337	2019	Preston	W1	3
5059	BxN-RIL-360-29	.	337	823	9	9	0	0	337	2019	Preston	W2	4
5060	BxN-RIL-360-29	.	337	823	9	9	0	0	337	2019	Preston	W3	6
5061	BxN-RIL-356-18	.	227	824	9	9	0	0	227	2019	Preston	STD	2
5062	BxN-RIL-356-18	.	227	824	9	9	0	0	227	2019	Preston	V1	3
5063	BxN-RIL-356-18	.	227	824	9	9	0	0	227	2019	Preston	V2	2
5064	BxN-RIL-356-18	.	227	824	9	9	0	0	227	2019	Preston	V3	4
5065	BxN-RIL-356-18	.	227	824	9	9	0	0	227	2019	Preston	W1	2
5066	BxN-RIL-356-18	.	227	824	9	9	0	0	227	2019	Preston	W2	4
5067	BxN-RIL-356-18	.	227	824	9	9	0	0	227	2019	Preston	W3	7
5068	NorLin	9+9	715	825	9	9	1	0	715	2019	Preston	STD	3
5069	NorLin	9+9	715	825	9	9	1	0	715	2019	Preston	V1	4
5070	NorLin	9+9	715	825	9	9	1	0	715	2019	Preston	V2	2
5071	NorLin	9+9	715	825	9	9	1	0	715	2019	Preston	V3	3
5072	NorLin	9+9	715	825	9	9	1	0	715	2019	Preston	W1	2
5073	NorLin	9+9	715	825	9	9	1	0	715	2019	Preston	W2	3
5074	NorLin	9+9	715	825	9	9	1	0	715	2019	Preston	W3	3
5075	BxN-RIL-346-6	.	5	826	9	9	0	0	5	2019	Preston	STD	2
5076	BxN-RIL-346-6	.	5	826	9	9	0	0	5	2019	Preston	V1	3
5077	BxN-RIL-346-6	.	5	826	9	9	0	0	5	2019	Preston	V2	1
5078	BxN-RIL-346-6	.	5	826	9	9	0	0	5	2019	Preston	V3	3
5079	BxN-RIL-346-6	.	5	826	9	9	0	0	5	2019	Preston	W1	2
5080	BxN-RIL-346-6	.	5	826	9	9	0	0	5	2019	Preston	W2	3
5081	BxN-RIL-346-6	.	5	826	9	9	0	0	5	2019	Preston	W3	3
5082	NxB-RIL-363-12	.	405	827	9	9	0	0	405	2019	Preston	STD	1
5083	NxB-RIL-363-12	.	405	827	9	9	0	0	405	2019	Preston	V1	2
5084	NxB-RIL-363-12	.	405	827	9	9	0	0	405	2019	Preston	V2	3
5085	NxB-RIL-363-12	.	405	827	9	9	0	0	405	2019	Preston	V3	3
5086	NxB-RIL-363-12	.	405	827	9	9	0	0	405	2019	Preston	W1	1
5087	NxB-RIL-363-12	.	405	827	9	9	0	0	405	2019	Preston	W2	3
5088	NxB-RIL-363-12	.	405	827	9	9	0	0	405	2019	Preston	W3	3
5089	BxN-RIL-360-7	.	317	828	9	9	0	0	317	2019	Preston	STD	1
5090	BxN-RIL-360-7	.	317	828	9	9	0	0	317	2019	Preston	V1	2
5091	BxN-RIL-360-7	.	317	828	9	9	0	0	317	2019	Preston	V2	3
5092	BxN-RIL-360-7	.	317	828	9	9	0	0	317	2019	Preston	V3	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5093	BxN-RIL-360-7	.	317	828	9	9	0	0	317	2019	Preston	W1	1
5094	BxN-RIL-360-7	.	317	828	9	9	0	0	317	2019	Preston	W2	4
5095	BxN-RIL-360-7	.	317	828	9	9	0	0	317	2019	Preston	W3	3
5096	NxB-RIL-366-24	.	485	829	9	9	0	0	485	2019	Preston	STD	2
5097	NxB-RIL-366-24	.	485	829	9	9	0	0	485	2019	Preston	V1	3
5098	NxB-RIL-366-24	.	485	829	9	9	0	0	485	2019	Preston	V2	3
5099	NxB-RIL-366-24	.	485	829	9	9	0	0	485	2019	Preston	V3	3
5100	NxB-RIL-366-24	.	485	829	9	9	0	0	485	2019	Preston	W1	1
5101	NxB-RIL-366-24	.	485	829	9	9	0	0	485	2019	Preston	W2	4
5102	NxB-RIL-366-24	.	485	829	9	9	0	0	485	2019	Preston	W3	4
5103	BxN-RIL-353-14	.	159	830	10	1	0	0	159	2019	Preston	STD	2
5104	BxN-RIL-353-14	.	159	830	10	1	0	0	159	2019	Preston	V1	4
5105	BxN-RIL-353-14	.	159	830	10	1	0	0	159	2019	Preston	V2	1
5106	BxN-RIL-353-14	.	159	830	10	1	0	0	159	2019	Preston	V3	2
5107	BxN-RIL-353-14	.	159	830	10	1	0	0	159	2019	Preston	W1	3
5108	BxN-RIL-353-14	.	159	830	10	1	0	0	159	2019	Preston	W2	2
5109	BxN-RIL-353-14	.	159	830	10	1	0	0	159	2019	Preston	W3	2
5110	Bison2	.	706	831	10	1	0	0	706	2019	Preston	STD	5
5111	Bison2	.	706	831	10	1	0	0	706	2019	Preston	V1	4
5112	Bison2	.	706	831	10	1	0	0	706	2019	Preston	V2	2
5113	Bison2	.	706	831	10	1	0	0	706	2019	Preston	V3	3
5114	Bison2	.	706	831	10	1	0	0	706	2019	Preston	W1	4
5115	Bison2	.	706	831	10	1	0	0	706	2019	Preston	W2	2
5116	Bison2	.	706	831	10	1	0	0	706	2019	Preston	W3	2
5117	NxB-RIL-369-15	.	548	832	10	1	0	0	548	2019	Preston	STD	3
5118	NxB-RIL-369-15	.	548	832	10	1	0	0	548	2019	Preston	V1	2
5119	NxB-RIL-369-15	.	548	832	10	1	0	0	548	2019	Preston	V2	3
5120	NxB-RIL-369-15	.	548	832	10	1	0	0	548	2019	Preston	V3	4
5121	NxB-RIL-369-15	.	548	832	10	1	0	0	548	2019	Preston	W1	1
5122	NxB-RIL-369-15	.	548	832	10	1	0	0	548	2019	Preston	W2	5
5123	NxB-RIL-369-15	.	548	832	10	1	0	0	548	2019	Preston	W3	5
5124	BxN-RIL-350-18	.	102	833	10	1	0	0	102	2019	Preston	STD	4
5125	BxN-RIL-350-18	.	102	833	10	1	0	0	102	2019	Preston	V1	3
5126	BxN-RIL-350-18	.	102	833	10	1	0	0	102	2019	Preston	V2	3
5127	BxN-RIL-350-18	.	102	833	10	1	0	0	102	2019	Preston	V3	4
5128	BxN-RIL-350-18	.	102	833	10	1	0	0	102	2019	Preston	W1	0
5129	BxN-RIL-350-18	.	102	833	10	1	0	0	102	2019	Preston	W2	5
5130	BxN-RIL-350-18	.	102	833	10	1	0	0	102	2019	Preston	W3	6

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5131	NorLin	10+1	715	834	10	1	1	0	715	2019	Preston	STD	3
5132	NorLin	10+1	715	834	10	1	1	0	715	2019	Preston	V1	2
5133	NorLin	10+1	715	834	10	1	1	0	715	2019	Preston	V2	4
5134	NorLin	10+1	715	834	10	1	1	0	715	2019	Preston	V3	3
5135	NorLin	10+1	715	834	10	1	1	0	715	2019	Preston	W1	6
5136	NorLin	10+1	715	834	10	1	1	0	715	2019	Preston	W2	4
5137	NorLin	10+1	715	834	10	1	1	0	715	2019	Preston	W3	2
5138	BxN-RIL-354-5	.	172	835	10	1	0	0	172	2019	Preston	STD	3
5139	BxN-RIL-354-5	.	172	835	10	1	0	0	172	2019	Preston	V1	3
5140	BxN-RIL-354-5	.	172	835	10	1	0	0	172	2019	Preston	V2	4
5141	BxN-RIL-354-5	.	172	835	10	1	0	0	172	2019	Preston	V3	4
5142	BxN-RIL-354-5	.	172	835	10	1	0	0	172	2019	Preston	W1	2
5143	BxN-RIL-354-5	.	172	835	10	1	0	0	172	2019	Preston	W2	5
5144	BxN-RIL-354-5	.	172	835	10	1	0	0	172	2019	Preston	W3	3
5145	BxN-RIL-348-15	.	58	836	10	1	0	0	58	2019	Preston	STD	3
5146	BxN-RIL-348-15	.	58	836	10	1	0	0	58	2019	Preston	V1	4
5147	BxN-RIL-348-15	.	58	836	10	1	0	0	58	2019	Preston	V2	4
5148	BxN-RIL-348-15	.	58	836	10	1	0	0	58	2019	Preston	V3	4
5149	BxN-RIL-348-15	.	58	836	10	1	0	0	58	2019	Preston	W1	0
5150	BxN-RIL-348-15	.	58	836	10	1	0	0	58	2019	Preston	W2	6
5151	BxN-RIL-348-15	.	58	836	10	1	0	0	58	2019	Preston	W3	4
5152	NxB-RIL-375-14	.	696	837	10	1	0	0	696	2019	Preston	STD	5
5153	NxB-RIL-375-14	.	696	837	10	1	0	0	696	2019	Preston	V1	5
5154	NxB-RIL-375-14	.	696	837	10	1	0	0	696	2019	Preston	V2	4
5155	NxB-RIL-375-14	.	696	837	10	1	0	0	696	2019	Preston	V3	5
5156	NxB-RIL-375-14	.	696	837	10	1	0	0	696	2019	Preston	W1	4
5157	NxB-RIL-375-14	.	696	837	10	1	0	0	696	2019	Preston	W2	6
5158	NxB-RIL-375-14	.	696	837	10	1	0	0	696	2019	Preston	W3	6
5159	NxB-RIL-368-18	.	523	838	10	1	0	0	523	2019	Preston	STD	5
5160	NxB-RIL-368-18	.	523	838	10	1	0	0	523	2019	Preston	V1	3
5161	NxB-RIL-368-18	.	523	838	10	1	0	0	523	2019	Preston	V2	3
5162	NxB-RIL-368-18	.	523	838	10	1	0	0	523	2019	Preston	V3	4
5163	NxB-RIL-368-18	.	523	838	10	1	0	0	523	2019	Preston	W1	4
5164	NxB-RIL-368-18	.	523	838	10	1	0	0	523	2019	Preston	W2	5
5165	NxB-RIL-368-18	.	523	838	10	1	0	0	523	2019	Preston	W3	6
5166	BxN-RIL-352-9	.	129	839	10	2	0	0	129	2019	Preston	STD	5
5167	BxN-RIL-352-9	.	129	839	10	2	0	0	129	2019	Preston	V1	3
5168	BxN-RIL-352-9	.	129	839	10	2	0	0	129	2019	Preston	V2	3



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5169	BxN-RIL-352-9	.	129	839	10	2	0	0	129	2019	Preston	V3	4
5170	BxN-RIL-352-9	.	129	839	10	2	0	0	129	2019	Preston	W1	4
5171	BxN-RIL-352-9	.	129	839	10	2	0	0	129	2019	Preston	W2	5
5172	BxN-RIL-352-9	.	129	839	10	2	0	0	129	2019	Preston	W3	6
5173	NxB-RIL-361-1	.	341	840	10	2	0	0	341	2019	Preston	STD	4
5174	NxB-RIL-361-1	.	341	840	10	2	0	0	341	2019	Preston	V1	3
5175	NxB-RIL-361-1	.	341	840	10	2	0	0	341	2019	Preston	V2	4
5176	NxB-RIL-361-1	.	341	840	10	2	0	0	341	2019	Preston	V3	3
5177	NxB-RIL-361-1	.	341	840	10	2	0	0	341	2019	Preston	W1	7
5178	NxB-RIL-361-1	.	341	840	10	2	0	0	341	2019	Preston	W2	6
5179	NxB-RIL-361-1	.	341	840	10	2	0	0	341	2019	Preston	W3	6
5180	NxB-RIL-370-24	.	578	841	10	2	0	0	578	2019	Preston	STD	2
5181	NxB-RIL-370-24	.	578	841	10	2	0	0	578	2019	Preston	V1	2
5182	NxB-RIL-370-24	.	578	841	10	2	0	0	578	2019	Preston	V2	3
5183	NxB-RIL-370-24	.	578	841	10	2	0	0	578	2019	Preston	V3	3
5184	NxB-RIL-370-24	.	578	841	10	2	0	0	578	2019	Preston	W1	1
5185	NxB-RIL-370-24	.	578	841	10	2	0	0	578	2019	Preston	W2	5
5186	NxB-RIL-370-24	.	578	841	10	2	0	0	578	2019	Preston	W3	5
5187	NxB-RIL-365-7	.	446	842	10	2	0	0	446	2019	Preston	STD	3
5188	NxB-RIL-365-7	.	446	842	10	2	0	0	446	2019	Preston	V1	3
5189	NxB-RIL-365-7	.	446	842	10	2	0	0	446	2019	Preston	V2	2
5190	NxB-RIL-365-7	.	446	842	10	2	0	0	446	2019	Preston	V3	4
5191	NxB-RIL-365-7	.	446	842	10	2	0	0	446	2019	Preston	W1	4
5192	NxB-RIL-365-7	.	446	842	10	2	0	0	446	2019	Preston	W2	4
5193	NxB-RIL-365-7	.	446	842	10	2	0	0	446	2019	Preston	W3	6
5194	NorLin	10+2	715	843	10	2	1	0	715	2019	Preston	STD	2
5195	NorLin	10+2	715	843	10	2	1	0	715	2019	Preston	V1	3
5196	NorLin	10+2	715	843	10	2	1	0	715	2019	Preston	V2	2
5197	NorLin	10+2	715	843	10	2	1	0	715	2019	Preston	V3	3
5198	NorLin	10+2	715	843	10	2	1	0	715	2019	Preston	W1	5
5199	NorLin	10+2	715	843	10	2	1	0	715	2019	Preston	W2	3
5200	NorLin	10+2	715	843	10	2	1	0	715	2019	Preston	W3	2
5201	BxN-RIL-355-22	.	208	844	10	2	0	0	208	2019	Preston	STD	4
5202	BxN-RIL-355-22	.	208	844	10	2	0	0	208	2019	Preston	V1	3
5203	BxN-RIL-355-22	.	208	844	10	2	0	0	208	2019	Preston	V2	3
5204	BxN-RIL-355-22	.	208	844	10	2	0	0	208	2019	Preston	V3	4
5205	BxN-RIL-355-22	.	208	844	10	2	0	0	208	2019	Preston	W1	5
5206	BxN-RIL-355-22	.	208	844	10	2	0	0	208	2019	Preston	W2	5

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5207	BxN-RIL-355-22	.	208	844	10	2	0	0	208	2019	Preston	W3	5
5208	NxB-RIL-361-26	.	365	845	10	2	0	0	365	2019	Preston	STD	4
5209	NxB-RIL-361-26	.	365	845	10	2	0	0	365	2019	Preston	V1	4
5210	NxB-RIL-361-26	.	365	845	10	2	0	0	365	2019	Preston	V2	2
5211	NxB-RIL-361-26	.	365	845	10	2	0	0	365	2019	Preston	V3	2
5212	NxB-RIL-361-26	.	365	845	10	2	0	0	365	2019	Preston	W1	4
5213	NxB-RIL-361-26	.	365	845	10	2	0	0	365	2019	Preston	W2	2
5214	NxB-RIL-361-26	.	365	845	10	2	0	0	365	2019	Preston	W3	2
5215	BxN-RIL-348-17	.	60	846	10	2	0	0	60	2019	Preston	STD	4
5216	BxN-RIL-348-17	.	60	846	10	2	0	0	60	2019	Preston	V1	3
5217	BxN-RIL-348-17	.	60	846	10	2	0	0	60	2019	Preston	V2	3
5218	BxN-RIL-348-17	.	60	846	10	2	0	0	60	2019	Preston	V3	2
5219	BxN-RIL-348-17	.	60	846	10	2	0	0	60	2019	Preston	W1	2
5220	BxN-RIL-348-17	.	60	846	10	2	0	0	60	2019	Preston	W2	3
5221	BxN-RIL-348-17	.	60	846	10	2	0	0	60	2019	Preston	W3	2
5222	NxB-RIL-374-15	.	667	847	10	2	0	0	667	2019	Preston	STD	3
5223	NxB-RIL-374-15	.	667	847	10	2	0	0	667	2019	Preston	V1	3
5224	NxB-RIL-374-15	.	667	847	10	2	0	0	667	2019	Preston	V2	1
5225	NxB-RIL-374-15	.	667	847	10	2	0	0	667	2019	Preston	V3	2
5226	NxB-RIL-374-15	.	667	847	10	2	0	0	667	2019	Preston	W1	4
5227	NxB-RIL-374-15	.	667	847	10	2	0	0	667	2019	Preston	W2	2
5228	NxB-RIL-374-15	.	667	847	10	2	0	0	667	2019	Preston	W3	2
5229	NxB-RIL-364-18	.	433	848	10	3	0	0	433	2019	Preston	STD	3
5230	NxB-RIL-364-18	.	433	848	10	3	0	0	433	2019	Preston	V1	3
5231	NxB-RIL-364-18	.	433	848	10	3	0	0	433	2019	Preston	V2	3
5232	NxB-RIL-364-18	.	433	848	10	3	0	0	433	2019	Preston	V3	4
5233	NxB-RIL-364-18	.	433	848	10	3	0	0	433	2019	Preston	W1	4
5234	NxB-RIL-364-18	.	433	848	10	3	0	0	433	2019	Preston	W2	6
5235	NxB-RIL-364-18	.	433	848	10	3	0	0	433	2019	Preston	W3	5
5236	NxB-RIL-368-8	.	516	849	10	3	0	0	516	2019	Preston	STD	2
5237	NxB-RIL-368-8	.	516	849	10	3	0	0	516	2019	Preston	V1	2
5238	NxB-RIL-368-8	.	516	849	10	3	0	0	516	2019	Preston	V2	2
5239	NxB-RIL-368-8	.	516	849	10	3	0	0	516	2019	Preston	V3	3
5240	NxB-RIL-368-8	.	516	849	10	3	0	0	516	2019	Preston	W1	0
5241	NxB-RIL-368-8	.	516	849	10	3	0	0	516	2019	Preston	W2	3
5242	NxB-RIL-368-8	.	516	849	10	3	0	0	516	2019	Preston	W3	2
5243	BxN-RIL-358-10	.	263	850	10	3	0	0	263	2019	Preston	STD	4
5244	BxN-RIL-358-10	.	263	850	10	3	0	0	263	2019	Preston	V1	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5245	BxN-RIL-358-10	.	263	850	10	3	0	0	263	2019	Preston	V2	4
5246	BxN-RIL-358-10	.	263	850	10	3	0	0	263	2019	Preston	V3	4
5247	BxN-RIL-358-10	.	263	850	10	3	0	0	263	2019	Preston	W1	4
5248	BxN-RIL-358-10	.	263	850	10	3	0	0	263	2019	Preston	W2	5
5249	BxN-RIL-358-10	.	263	850	10	3	0	0	263	2019	Preston	W3	6
5250	BxN-RIL-359-8	.	288	851	10	3	0	0	288	2019	Preston	STD	4
5251	BxN-RIL-359-8	.	288	851	10	3	0	0	288	2019	Preston	V1	3
5252	BxN-RIL-359-8	.	288	851	10	3	0	0	288	2019	Preston	V2	3
5253	BxN-RIL-359-8	.	288	851	10	3	0	0	288	2019	Preston	V3	3
5254	BxN-RIL-359-8	.	288	851	10	3	0	0	288	2019	Preston	W1	0
5255	BxN-RIL-359-8	.	288	851	10	3	0	0	288	2019	Preston	W2	4
5256	BxN-RIL-359-8	.	288	851	10	3	0	0	288	2019	Preston	W3	2
5257	NorLin	10+3	715	852	10	3	1	0	715	2019	Preston	STD	4
5258	NorLin	10+3	715	852	10	3	1	0	715	2019	Preston	V1	5
5259	NorLin	10+3	715	852	10	3	1	0	715	2019	Preston	V2	2
5260	NorLin	10+3	715	852	10	3	1	0	715	2019	Preston	V3	3
5261	NorLin	10+3	715	852	10	3	1	0	715	2019	Preston	W1	4
5262	NorLin	10+3	715	852	10	3	1	0	715	2019	Preston	W2	3
5263	NorLin	10+3	715	852	10	3	1	0	715	2019	Preston	W3	2
5264	BxN-RIL-352-24	.	142	853	10	3	0	0	142	2019	Preston	STD	2
5265	BxN-RIL-352-24	.	142	853	10	3	0	0	142	2019	Preston	V1	3
5266	BxN-RIL-352-24	.	142	853	10	3	0	0	142	2019	Preston	V2	2
5267	BxN-RIL-352-24	.	142	853	10	3	0	0	142	2019	Preston	V3	3
5268	BxN-RIL-352-24	.	142	853	10	3	0	0	142	2019	Preston	W1	0
5269	BxN-RIL-352-24	.	142	853	10	3	0	0	142	2019	Preston	W2	3
5270	BxN-RIL-352-24	.	142	853	10	3	0	0	142	2019	Preston	W3	3
5271	NxB-RIL-361-22	.	361	854	10	3	0	0	361	2019	Preston	STD	3
5272	NxB-RIL-361-22	.	361	854	10	3	0	0	361	2019	Preston	V1	3
5273	NxB-RIL-361-22	.	361	854	10	3	0	0	361	2019	Preston	V2	2
5274	NxB-RIL-361-22	.	361	854	10	3	0	0	361	2019	Preston	V3	3
5275	NxB-RIL-361-22	.	361	854	10	3	0	0	361	2019	Preston	W1	0
5276	NxB-RIL-361-22	.	361	854	10	3	0	0	361	2019	Preston	W2	2
5277	NxB-RIL-361-22	.	361	854	10	3	0	0	361	2019	Preston	W3	3
5278	NxB-RIL-374-18	.	670	855	10	3	0	0	670	2019	Preston	STD	2
5279	NxB-RIL-374-18	.	670	855	10	3	0	0	670	2019	Preston	V1	2
5280	NxB-RIL-374-18	.	670	855	10	3	0	0	670	2019	Preston	V2	3
5281	NxB-RIL-374-18	.	670	855	10	3	0	0	670	2019	Preston	V3	3
5282	NxB-RIL-374-18	.	670	855	10	3	0	0	670	2019	Preston	W1	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5283	NxB-RIL-374-18	.	670	855	10	3	0	0	670	2019	Preston	W2	4
5284	NxB-RIL-374-18	.	670	855	10	3	0	0	670	2019	Preston	W3	2
5285	BxN-RIL-355-8	.	198	856	10	3	0	0	198	2019	Preston	STD	2
5286	BxN-RIL-355-8	.	198	856	10	3	0	0	198	2019	Preston	V1	2
5287	BxN-RIL-355-8	.	198	856	10	3	0	0	198	2019	Preston	V2	3
5288	BxN-RIL-355-8	.	198	856	10	3	0	0	198	2019	Preston	V3	3
5289	BxN-RIL-355-8	.	198	856	10	3	0	0	198	2019	Preston	W1	1
5290	BxN-RIL-355-8	.	198	856	10	3	0	0	198	2019	Preston	W2	3
5291	BxN-RIL-355-8	.	198	856	10	3	0	0	198	2019	Preston	W3	2
5292	BxN-RIL-355-17	.	205	857	10	4	0	0	205	2019	Preston	STD	4
5293	BxN-RIL-355-17	.	205	857	10	4	0	0	205	2019	Preston	V1	3
5294	BxN-RIL-355-17	.	205	857	10	4	0	0	205	2019	Preston	V2	2
5295	BxN-RIL-355-17	.	205	857	10	4	0	0	205	2019	Preston	V3	3
5296	BxN-RIL-355-17	.	205	857	10	4	0	0	205	2019	Preston	W1	4
5297	BxN-RIL-355-17	.	205	857	10	4	0	0	205	2019	Preston	W2	3
5298	BxN-RIL-355-17	.	205	857	10	4	0	0	205	2019	Preston	W3	3
5299	BxN-RIL-357-30	.	255	858	10	4	0	0	255	2019	Preston	STD	4
5300	BxN-RIL-357-30	.	255	858	10	4	0	0	255	2019	Preston	V1	3
5301	BxN-RIL-357-30	.	255	858	10	4	0	0	255	2019	Preston	V2	2
5302	BxN-RIL-357-30	.	255	858	10	4	0	0	255	2019	Preston	V3	3
5303	BxN-RIL-357-30	.	255	858	10	4	0	0	255	2019	Preston	W1	4
5304	BxN-RIL-357-30	.	255	858	10	4	0	0	255	2019	Preston	W2	3
5305	BxN-RIL-357-30	.	255	858	10	4	0	0	255	2019	Preston	W3	3
5306	NxB-RIL-370-2	.	560	859	10	4	0	0	560	2019	Preston	STD	4
5307	NxB-RIL-370-2	.	560	859	10	4	0	0	560	2019	Preston	V1	2
5308	NxB-RIL-370-2	.	560	859	10	4	0	0	560	2019	Preston	V2	3
5309	NxB-RIL-370-2	.	560	859	10	4	0	0	560	2019	Preston	V3	3
5310	NxB-RIL-370-2	.	560	859	10	4	0	0	560	2019	Preston	W1	4
5311	NxB-RIL-370-2	.	560	859	10	4	0	0	560	2019	Preston	W2	5
5312	NxB-RIL-370-2	.	560	859	10	4	0	0	560	2019	Preston	W3	2
5313	BxN-RIL-355-16	.	204	860	10	4	0	0	204	2019	Preston	STD	2
5314	BxN-RIL-355-16	.	204	860	10	4	0	0	204	2019	Preston	V1	2
5315	BxN-RIL-355-16	.	204	860	10	4	0	0	204	2019	Preston	V2	4
5316	BxN-RIL-355-16	.	204	860	10	4	0	0	204	2019	Preston	V3	5
5317	BxN-RIL-355-16	.	204	860	10	4	0	0	204	2019	Preston	W1	0
5318	BxN-RIL-355-16	.	204	860	10	4	0	0	204	2019	Preston	W2	6
5319	BxN-RIL-355-16	.	204	860	10	4	0	0	204	2019	Preston	W3	9
5320	NorLin	10+4	715	861	10	4	1	0	715	2019	Preston	STD	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5321	NorLin	10+4	715	861	10	4	1	0	715	2019	Preston	V1	3
5322	NorLin	10+4	715	861	10	4	1	0	715	2019	Preston	V2	3
5323	NorLin	10+4	715	861	10	4	1	0	715	2019	Preston	V3	2
5324	NorLin	10+4	715	861	10	4	1	0	715	2019	Preston	W1	4
5325	NorLin	10+4	715	861	10	4	1	0	715	2019	Preston	W2	5
5326	NorLin	10+4	715	861	10	4	1	0	715	2019	Preston	W3	2
5327	Bison3	.	707	862	10	4	0	0	707	2019	Preston	STD	5
5328	Bison3	.	707	862	10	4	0	0	707	2019	Preston	V1	4
5329	Bison3	.	707	862	10	4	0	0	707	2019	Preston	V2	2
5330	Bison3	.	707	862	10	4	0	0	707	2019	Preston	V3	2
5331	Bison3	.	707	862	10	4	0	0	707	2019	Preston	W1	7
5332	Bison3	.	707	862	10	4	0	0	707	2019	Preston	W2	3
5333	Bison3	.	707	862	10	4	0	0	707	2019	Preston	W3	2
5334	NxB-RIL-363-8	.	403	863	10	4	0	0	403	2019	Preston	STD	5
5335	NxB-RIL-363-8	.	403	863	10	4	0	0	403	2019	Preston	V1	3
5336	NxB-RIL-363-8	.	403	863	10	4	0	0	403	2019	Preston	V2	2
5337	NxB-RIL-363-8	.	403	863	10	4	0	0	403	2019	Preston	V3	3
5338	NxB-RIL-363-8	.	403	863	10	4	0	0	403	2019	Preston	W1	4
5339	NxB-RIL-363-8	.	403	863	10	4	0	0	403	2019	Preston	W2	4
5340	NxB-RIL-363-8	.	403	863	10	4	0	0	403	2019	Preston	W3	3
5341	NxB-RIL-372-9	.	606	864	10	4	0	0	606	2019	Preston	STD	5
5342	NxB-RIL-372-9	.	606	864	10	4	0	0	606	2019	Preston	V1	3
5343	NxB-RIL-372-9	.	606	864	10	4	0	0	606	2019	Preston	V2	3
5344	NxB-RIL-372-9	.	606	864	10	4	0	0	606	2019	Preston	V3	3
5345	NxB-RIL-372-9	.	606	864	10	4	0	0	606	2019	Preston	W1	4
5346	NxB-RIL-372-9	.	606	864	10	4	0	0	606	2019	Preston	W2	3
5347	NxB-RIL-372-9	.	606	864	10	4	0	0	606	2019	Preston	W3	2
5348	BxN-RIL-347-3	.	25	865	10	4	0	0	25	2019	Preston	STD	3
5349	BxN-RIL-347-3	.	25	865	10	4	0	0	25	2019	Preston	V1	3
5350	BxN-RIL-347-3	.	25	865	10	4	0	0	25	2019	Preston	V2	2
5351	BxN-RIL-347-3	.	25	865	10	4	0	0	25	2019	Preston	V3	3
5352	BxN-RIL-347-3	.	25	865	10	4	0	0	25	2019	Preston	W1	2
5353	BxN-RIL-347-3	.	25	865	10	4	0	0	25	2019	Preston	W2	3
5354	BxN-RIL-347-3	.	25	865	10	4	0	0	25	2019	Preston	W3	3
5355	NxB-RIL-361-34	.	372	866	10	5	0	0	372	2019	Preston	STD	2
5356	NxB-RIL-361-34	.	372	866	10	5	0	0	372	2019	Preston	V1	3
5357	NxB-RIL-361-34	.	372	866	10	5	0	0	372	2019	Preston	V2	3
5358	NxB-RIL-361-34	.	372	866	10	5	0	0	372	2019	Preston	V3	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5359	NxB-RIL-361-34	.	372	866	10	5	0	0	372	2019	Preston	W1	0
5360	NxB-RIL-361-34	.	372	866	10	5	0	0	372	2019	Preston	W2	5
5361	NxB-RIL-361-34	.	372	866	10	5	0	0	372	2019	Preston	W3	4
5362	NxB-RIL-367-12	.	497	867	10	5	0	0	497	2019	Preston	STD	2
5363	NxB-RIL-367-12	.	497	867	10	5	0	0	497	2019	Preston	V1	3
5364	NxB-RIL-367-12	.	497	867	10	5	0	0	497	2019	Preston	V2	2
5365	NxB-RIL-367-12	.	497	867	10	5	0	0	497	2019	Preston	V3	3
5366	NxB-RIL-367-12	.	497	867	10	5	0	0	497	2019	Preston	W1	4
5367	NxB-RIL-367-12	.	497	867	10	5	0	0	497	2019	Preston	W2	4
5368	NxB-RIL-367-12	.	497	867	10	5	0	0	497	2019	Preston	W3	3
5369	BxN-RIL-354-18	.	183	868	10	5	0	0	183	2019	Preston	STD	5
5370	BxN-RIL-354-18	.	183	868	10	5	0	0	183	2019	Preston	V1	3
5371	BxN-RIL-354-18	.	183	868	10	5	0	0	183	2019	Preston	V2	3
5372	BxN-RIL-354-18	.	183	868	10	5	0	0	183	2019	Preston	V3	3
5373	BxN-RIL-354-18	.	183	868	10	5	0	0	183	2019	Preston	W1	4
5374	BxN-RIL-354-18	.	183	868	10	5	0	0	183	2019	Preston	W2	5
5375	BxN-RIL-354-18	.	183	868	10	5	0	0	183	2019	Preston	W3	2
5376	NxB-RIL-365-3	.	443	869	10	5	0	0	443	2019	Preston	STD	4
5377	NxB-RIL-365-3	.	443	869	10	5	0	0	443	2019	Preston	V1	3
5378	NxB-RIL-365-3	.	443	869	10	5	0	0	443	2019	Preston	V2	3
5379	NxB-RIL-365-3	.	443	869	10	5	0	0	443	2019	Preston	V3	3
5380	NxB-RIL-365-3	.	443	869	10	5	0	0	443	2019	Preston	W1	2
5381	NxB-RIL-365-3	.	443	869	10	5	0	0	443	2019	Preston	W2	5
5382	NxB-RIL-365-3	.	443	869	10	5	0	0	443	2019	Preston	W3	2
5383	NorLin	10+5	715	870	10	5	1	0	715	2019	Preston	STD	4
5384	NorLin	10+5	715	870	10	5	1	0	715	2019	Preston	V1	3
5385	NorLin	10+5	715	870	10	5	1	0	715	2019	Preston	V2	2
5386	NorLin	10+5	715	870	10	5	1	0	715	2019	Preston	V3	3
5387	NorLin	10+5	715	870	10	5	1	0	715	2019	Preston	W1	4
5388	NorLin	10+5	715	870	10	5	1	0	715	2019	Preston	W2	3
5389	NorLin	10+5	715	870	10	5	1	0	715	2019	Preston	W3	2
5390	BxN-RIL-346-14	.	11	871	10	5	0	0	11	2019	Preston	STD	3
5391	BxN-RIL-346-14	.	11	871	10	5	0	0	11	2019	Preston	V1	4
5392	BxN-RIL-346-14	.	11	871	10	5	0	0	11	2019	Preston	V2	2
5393	BxN-RIL-346-14	.	11	871	10	5	0	0	11	2019	Preston	V3	2
5394	BxN-RIL-346-14	.	11	871	10	5	0	0	11	2019	Preston	W1	4
5395	BxN-RIL-346-14	.	11	871	10	5	0	0	11	2019	Preston	W2	3
5396	BxN-RIL-346-14	.	11	871	10	5	0	0	11	2019	Preston	W3	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5397	BxN-RIL-359-2	.	283	872	10	5	0	0	283	2019	Preston	STD	4
5398	BxN-RIL-359-2	.	283	872	10	5	0	0	283	2019	Preston	V1	4
5399	BxN-RIL-359-2	.	283	872	10	5	0	0	283	2019	Preston	V2	1
5400	BxN-RIL-359-2	.	283	872	10	5	0	0	283	2019	Preston	V3	3
5401	BxN-RIL-359-2	.	283	872	10	5	0	0	283	2019	Preston	W1	1
5402	BxN-RIL-359-2	.	283	872	10	5	0	0	283	2019	Preston	W2	3
5403	BxN-RIL-359-2	.	283	872	10	5	0	0	283	2019	Preston	W3	5
5404	BxN-RIL-351-8	.	112	873	10	5	0	0	112	2019	Preston	STD	2
5405	BxN-RIL-351-8	.	112	873	10	5	0	0	112	2019	Preston	V1	3
5406	BxN-RIL-351-8	.	112	873	10	5	0	0	112	2019	Preston	V2	2
5407	BxN-RIL-351-8	.	112	873	10	5	0	0	112	2019	Preston	V3	2
5408	BxN-RIL-351-8	.	112	873	10	5	0	0	112	2019	Preston	W1	0
5409	BxN-RIL-351-8	.	112	873	10	5	0	0	112	2019	Preston	W2	3
5410	BxN-RIL-351-8	.	112	873	10	5	0	0	112	2019	Preston	W3	2
5411	NxB-RIL-363-24	.	414	874	10	5	0	0	414	2019	Preston	STD	1
5412	NxB-RIL-363-24	.	414	874	10	5	0	0	414	2019	Preston	V1	2
5413	NxB-RIL-363-24	.	414	874	10	5	0	0	414	2019	Preston	V2	2
5414	NxB-RIL-363-24	.	414	874	10	5	0	0	414	2019	Preston	V3	3
5415	NxB-RIL-363-24	.	414	874	10	5	0	0	414	2019	Preston	W1	1
5416	NxB-RIL-363-24	.	414	874	10	5	0	0	414	2019	Preston	W2	2
5417	NxB-RIL-363-24	.	414	874	10	5	0	0	414	2019	Preston	W3	2
5418	BxN-RIL-348-26	.	67	875	10	6	0	0	67	2019	Preston	STD	2
5419	BxN-RIL-348-26	.	67	875	10	6	0	0	67	2019	Preston	V1	2
5420	BxN-RIL-348-26	.	67	875	10	6	0	0	67	2019	Preston	V2	2
5421	BxN-RIL-348-26	.	67	875	10	6	0	0	67	2019	Preston	V3	3
5422	BxN-RIL-348-26	.	67	875	10	6	0	0	67	2019	Preston	W1	0
5423	BxN-RIL-348-26	.	67	875	10	6	0	0	67	2019	Preston	W2	3
5424	BxN-RIL-348-26	.	67	875	10	6	0	0	67	2019	Preston	W3	3
5425	NxB-RIL-361-21	.	360	876	10	6	0	0	360	2019	Preston	STD	1
5426	NxB-RIL-361-21	.	360	876	10	6	0	0	360	2019	Preston	V1	3
5427	NxB-RIL-361-21	.	360	876	10	6	0	0	360	2019	Preston	V2	2
5428	NxB-RIL-361-21	.	360	876	10	6	0	0	360	2019	Preston	V3	4
5429	NxB-RIL-361-21	.	360	876	10	6	0	0	360	2019	Preston	W1	0
5430	NxB-RIL-361-21	.	360	876	10	6	0	0	360	2019	Preston	W2	4
5431	NxB-RIL-361-21	.	360	876	10	6	0	0	360	2019	Preston	W3	7
5432	BxN-RIL-350-6	.	92	877	10	6	0	0	92	2019	Preston	STD	2
5433	BxN-RIL-350-6	.	92	877	10	6	0	0	92	2019	Preston	V1	3
5434	BxN-RIL-350-6	.	92	877	10	6	0	0	92	2019	Preston	V2	3

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5435	BxN-RIL-350-6	.	92	877	10	6	0	0	92	2019	Preston	V3	4
5436	BxN-RIL-350-6	.	92	877	10	6	0	0	92	2019	Preston	W1	1
5437	BxN-RIL-350-6	.	92	877	10	6	0	0	92	2019	Preston	W2	5
5438	BxN-RIL-350-6	.	92	877	10	6	0	0	92	2019	Preston	W3	7
5439	BxN-RIL-354-17	.	182	878	10	6	0	0	182	2019	Preston	STD	1
5440	BxN-RIL-354-17	.	182	878	10	6	0	0	182	2019	Preston	V1	2
5441	BxN-RIL-354-17	.	182	878	10	6	0	0	182	2019	Preston	V2	2
5442	BxN-RIL-354-17	.	182	878	10	6	0	0	182	2019	Preston	V3	3
5443	BxN-RIL-354-17	.	182	878	10	6	0	0	182	2019	Preston	W1	2
5444	BxN-RIL-354-17	.	182	878	10	6	0	0	182	2019	Preston	W2	4
5445	BxN-RIL-354-17	.	182	878	10	6	0	0	182	2019	Preston	W3	3
5446	NorLin	10+6	715	879	10	6	1	0	715	2019	Preston	STD	2
5447	NorLin	10+6	715	879	10	6	1	0	715	2019	Preston	V1	2
5448	NorLin	10+6	715	879	10	6	1	0	715	2019	Preston	V2	2
5449	NorLin	10+6	715	879	10	6	1	0	715	2019	Preston	V3	3
5450	NorLin	10+6	715	879	10	6	1	0	715	2019	Preston	W1	4
5451	NorLin	10+6	715	879	10	6	1	0	715	2019	Preston	W2	3
5452	NorLin	10+6	715	879	10	6	1	0	715	2019	Preston	W3	2
5453	NxB-RIL-372-14	.	611	880	10	6	0	0	611	2019	Preston	STD	2
5454	NxB-RIL-372-14	.	611	880	10	6	0	0	611	2019	Preston	V1	2
5455	NxB-RIL-372-14	.	611	880	10	6	0	0	611	2019	Preston	V2	2
5456	NxB-RIL-372-14	.	611	880	10	6	0	0	611	2019	Preston	V3	3
5457	NxB-RIL-372-14	.	611	880	10	6	0	0	611	2019	Preston	W1	0
5458	NxB-RIL-372-14	.	611	880	10	6	0	0	611	2019	Preston	W2	3
5459	NxB-RIL-372-14	.	611	880	10	6	0	0	611	2019	Preston	W3	2
5460	BxN-RIL-349-6	.	72	881	10	6	0	0	72	2019	Preston	STD	3
5461	BxN-RIL-349-6	.	72	881	10	6	0	0	72	2019	Preston	V1	3
5462	BxN-RIL-349-6	.	72	881	10	6	0	0	72	2019	Preston	V2	3
5463	BxN-RIL-349-6	.	72	881	10	6	0	0	72	2019	Preston	V3	3
5464	BxN-RIL-349-6	.	72	881	10	6	0	0	72	2019	Preston	W1	0
5465	BxN-RIL-349-6	.	72	881	10	6	0	0	72	2019	Preston	W2	5
5466	BxN-RIL-349-6	.	72	881	10	6	0	0	72	2019	Preston	W3	4
5467	BxN-RIL-360-15	.	323	882	10	6	0	0	323	2019	Preston	STD	4
5468	BxN-RIL-360-15	.	323	882	10	6	0	0	323	2019	Preston	V1	2
5469	BxN-RIL-360-15	.	323	882	10	6	0	0	323	2019	Preston	V2	2
5470	BxN-RIL-360-15	.	323	882	10	6	0	0	323	2019	Preston	V3	3
5471	BxN-RIL-360-15	.	323	882	10	6	0	0	323	2019	Preston	W1	4
5472	BxN-RIL-360-15	.	323	882	10	6	0	0	323	2019	Preston	W2	4



Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5473	BxN-RIL-360-15	.	323	882	10	6	0	0	323	2019	Preston	W3	2
5474	BxN-RIL-348-2	.	46	883	10	6	0	0	46	2019	Preston	STD	4
5475	BxN-RIL-348-2	.	46	883	10	6	0	0	46	2019	Preston	V1	3
5476	BxN-RIL-348-2	.	46	883	10	6	0	0	46	2019	Preston	V2	2
5477	BxN-RIL-348-2	.	46	883	10	6	0	0	46	2019	Preston	V3	3
5478	BxN-RIL-348-2	.	46	883	10	6	0	0	46	2019	Preston	W1	2
5479	BxN-RIL-348-2	.	46	883	10	6	0	0	46	2019	Preston	W2	3
5480	BxN-RIL-348-2	.	46	883	10	6	0	0	46	2019	Preston	W3	2
5481	NxB-RIL-371-20	.	598	884	10	7	0	0	598	2019	Preston	STD	2
5482	NxB-RIL-371-20	.	598	884	10	7	0	0	598	2019	Preston	V1	3
5483	NxB-RIL-371-20	.	598	884	10	7	0	0	598	2019	Preston	V2	3
5484	NxB-RIL-371-20	.	598	884	10	7	0	0	598	2019	Preston	V3	3
5485	NxB-RIL-371-20	.	598	884	10	7	0	0	598	2019	Preston	W1	0
5486	NxB-RIL-371-20	.	598	884	10	7	0	0	598	2019	Preston	W2	4
5487	NxB-RIL-371-20	.	598	884	10	7	0	0	598	2019	Preston	W3	3
5488	NxB-RIL-362-14	.	383	885	10	7	0	0	383	2019	Preston	STD	3
5489	NxB-RIL-362-14	.	383	885	10	7	0	0	383	2019	Preston	V1	3
5490	NxB-RIL-362-14	.	383	885	10	7	0	0	383	2019	Preston	V2	4
5491	NxB-RIL-362-14	.	383	885	10	7	0	0	383	2019	Preston	V3	3
5492	NxB-RIL-362-14	.	383	885	10	7	0	0	383	2019	Preston	W1	2
5493	NxB-RIL-362-14	.	383	885	10	7	0	0	383	2019	Preston	W2	4
5494	NxB-RIL-362-14	.	383	885	10	7	0	0	383	2019	Preston	W3	3
5495	NxB-RIL-371-6	.	585	886	10	7	0	0	585	2019	Preston	STD	5
5496	NxB-RIL-371-6	.	585	886	10	7	0	0	585	2019	Preston	V1	4
5497	NxB-RIL-371-6	.	585	886	10	7	0	0	585	2019	Preston	V2	4
5498	NxB-RIL-371-6	.	585	886	10	7	0	0	585	2019	Preston	V3	3
5499	NxB-RIL-371-6	.	585	886	10	7	0	0	585	2019	Preston	W1	2
5500	NxB-RIL-371-6	.	585	886	10	7	0	0	585	2019	Preston	W2	4
5501	NxB-RIL-371-6	.	585	886	10	7	0	0	585	2019	Preston	W3	3
5502	BxN-RIL-358-12	.	265	887	10	7	0	0	265	2019	Preston	STD	5
5503	BxN-RIL-358-12	.	265	887	10	7	0	0	265	2019	Preston	V1	4
5504	BxN-RIL-358-12	.	265	887	10	7	0	0	265	2019	Preston	V2	2
5505	BxN-RIL-358-12	.	265	887	10	7	0	0	265	2019	Preston	V3	3
5506	BxN-RIL-358-12	.	265	887	10	7	0	0	265	2019	Preston	W1	2
5507	BxN-RIL-358-12	.	265	887	10	7	0	0	265	2019	Preston	W2	3
5508	BxN-RIL-358-12	.	265	887	10	7	0	0	265	2019	Preston	W3	2
5509	NorLin	10+7	715	888	10	7	1	0	715	2019	Preston	STD	5
5510	NorLin	10+7	715	888	10	7	1	0	715	2019	Preston	V1	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5511	NorLin	10+7	715	888	10	7	1	0	715	2019	Preston	V2	2
5512	NorLin	10+7	715	888	10	7	1	0	715	2019	Preston	V3	3
5513	NorLin	10+7	715	888	10	7	1	0	715	2019	Preston	W1	1
5514	NorLin	10+7	715	888	10	7	1	0	715	2019	Preston	W2	3
5515	NorLin	10+7	715	888	10	7	1	0	715	2019	Preston	W3	3
5516	NxB-RIL-368-12	.	518	889	10	7	0	0	518	2019	Preston	STD	2
5517	NxB-RIL-368-12	.	518	889	10	7	0	0	518	2019	Preston	V1	3
5518	NxB-RIL-368-12	.	518	889	10	7	0	0	518	2019	Preston	V2	2
5519	NxB-RIL-368-12	.	518	889	10	7	0	0	518	2019	Preston	V3	3
5520	NxB-RIL-368-12	.	518	889	10	7	0	0	518	2019	Preston	W1	1
5521	NxB-RIL-368-12	.	518	889	10	7	0	0	518	2019	Preston	W2	3
5522	NxB-RIL-368-12	.	518	889	10	7	0	0	518	2019	Preston	W3	2
5523	BxN-RIL-358-27	.	277	890	10	7	0	0	277	2019	Preston	STD	3
5524	BxN-RIL-358-27	.	277	890	10	7	0	0	277	2019	Preston	V1	3
5525	BxN-RIL-358-27	.	277	890	10	7	0	0	277	2019	Preston	V2	2
5526	BxN-RIL-358-27	.	277	890	10	7	0	0	277	2019	Preston	V3	2
5527	BxN-RIL-358-27	.	277	890	10	7	0	0	277	2019	Preston	W1	1
5528	BxN-RIL-358-27	.	277	890	10	7	0	0	277	2019	Preston	W2	2
5529	BxN-RIL-358-27	.	277	890	10	7	0	0	277	2019	Preston	W3	2
5530	BxN-RIL-353-8	.	153	891	10	7	0	0	153	2019	Preston	STD	3
5531	BxN-RIL-353-8	.	153	891	10	7	0	0	153	2019	Preston	V1	2
5532	BxN-RIL-353-8	.	153	891	10	7	0	0	153	2019	Preston	V2	2
5533	BxN-RIL-353-8	.	153	891	10	7	0	0	153	2019	Preston	V3	3
5534	BxN-RIL-353-8	.	153	891	10	7	0	0	153	2019	Preston	W1	2
5535	BxN-RIL-353-8	.	153	891	10	7	0	0	153	2019	Preston	W2	2
5536	BxN-RIL-353-8	.	153	891	10	7	0	0	153	2019	Preston	W3	4
5537	BxN-RIL-359-10	.	290	892	10	7	0	0	290	2019	Preston	STD	2
5538	BxN-RIL-359-10	.	290	892	10	7	0	0	290	2019	Preston	V1	2
5539	BxN-RIL-359-10	.	290	892	10	7	0	0	290	2019	Preston	V2	3
5540	BxN-RIL-359-10	.	290	892	10	7	0	0	290	2019	Preston	V3	3
5541	BxN-RIL-359-10	.	290	892	10	7	0	0	290	2019	Preston	W1	1
5542	BxN-RIL-359-10	.	290	892	10	7	0	0	290	2019	Preston	W2	5
5543	BxN-RIL-359-10	.	290	892	10	7	0	0	290	2019	Preston	W3	4
5544	NxB-RIL-372-16	.	613	893	10	8	0	0	613	2019	Preston	STD	2
5545	NxB-RIL-372-16	.	613	893	10	8	0	0	613	2019	Preston	V1	2
5546	NxB-RIL-372-16	.	613	893	10	8	0	0	613	2019	Preston	V2	3
5547	NxB-RIL-372-16	.	613	893	10	8	0	0	613	2019	Preston	V3	3
5548	NxB-RIL-372-16	.	613	893	10	8	0	0	613	2019	Preston	W1	1

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5549	NxB-RIL-372-16	.	613	893	10	8	0	0	613	2019	Preston	W2	5
5550	NxB-RIL-372-16	.	613	893	10	8	0	0	613	2019	Preston	W3	3
5551	BxN-RIL-352-5	.	127	894	10	8	0	0	127	2019	Preston	STD	3
5552	BxN-RIL-352-5	.	127	894	10	8	0	0	127	2019	Preston	V1	3
5553	BxN-RIL-352-5	.	127	894	10	8	0	0	127	2019	Preston	V2	2
5554	BxN-RIL-352-5	.	127	894	10	8	0	0	127	2019	Preston	V3	3
5555	BxN-RIL-352-5	.	127	894	10	8	0	0	127	2019	Preston	W1	2
5556	BxN-RIL-352-5	.	127	894	10	8	0	0	127	2019	Preston	W2	4
5557	BxN-RIL-352-5	.	127	894	10	8	0	0	127	2019	Preston	W3	3
5558	NxB-RIL-369-10	.	543	895	10	8	0	0	543	2019	Preston	STD	2
5559	NxB-RIL-369-10	.	543	895	10	8	0	0	543	2019	Preston	V1	3
5560	NxB-RIL-369-10	.	543	895	10	8	0	0	543	2019	Preston	V2	3
5561	NxB-RIL-369-10	.	543	895	10	8	0	0	543	2019	Preston	V3	3
5562	NxB-RIL-369-10	.	543	895	10	8	0	0	543	2019	Preston	W1	2
5563	NxB-RIL-369-10	.	543	895	10	8	0	0	543	2019	Preston	W2	3
5564	NxB-RIL-369-10	.	543	895	10	8	0	0	543	2019	Preston	W3	3
5565	BxN-RIL-354-16	.	181	896	10	8	0	0	181	2019	Preston	STD	2
5566	BxN-RIL-354-16	.	181	896	10	8	0	0	181	2019	Preston	V1	3
5567	BxN-RIL-354-16	.	181	896	10	8	0	0	181	2019	Preston	V2	3
5568	BxN-RIL-354-16	.	181	896	10	8	0	0	181	2019	Preston	V3	3
5569	BxN-RIL-354-16	.	181	896	10	8	0	0	181	2019	Preston	W1	3
5570	BxN-RIL-354-16	.	181	896	10	8	0	0	181	2019	Preston	W2	3
5571	BxN-RIL-354-16	.	181	896	10	8	0	0	181	2019	Preston	W3	3
5572	NorLin	10+8	715	897	10	8	1	0	715	2019	Preston	STD	2
5573	NorLin	10+8	715	897	10	8	1	0	715	2019	Preston	V1	3
5574	NorLin	10+8	715	897	10	8	1	0	715	2019	Preston	V2	3
5575	NorLin	10+8	715	897	10	8	1	0	715	2019	Preston	V3	3
5576	NorLin	10+8	715	897	10	8	1	0	715	2019	Preston	W1	1
5577	NorLin	10+8	715	897	10	8	1	0	715	2019	Preston	W2	3
5578	NorLin	10+8	715	897	10	8	1	0	715	2019	Preston	W3	3
5579	BxN-RIL-359-15	.	295	898	10	8	0	0	295	2019	Preston	STD	3
5580	BxN-RIL-359-15	.	295	898	10	8	0	0	295	2019	Preston	V1	3
5581	BxN-RIL-359-15	.	295	898	10	8	0	0	295	2019	Preston	V2	3
5582	BxN-RIL-359-15	.	295	898	10	8	0	0	295	2019	Preston	V3	4
5583	BxN-RIL-359-15	.	295	898	10	8	0	0	295	2019	Preston	W1	1
5584	BxN-RIL-359-15	.	295	898	10	8	0	0	295	2019	Preston	W2	5
5585	BxN-RIL-359-15	.	295	898	10	8	0	0	295	2019	Preston	W3	3
5586	NxB-RIL-371-18	.	596	899	10	8	0	0	596	2019	Preston	STD	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5587	NxB-RIL-371-18	.	596	899	10	8	0	0	596	2019	Preston	V1	3
5588	NxB-RIL-371-18	.	596	899	10	8	0	0	596	2019	Preston	V2	3
5589	NxB-RIL-371-18	.	596	899	10	8	0	0	596	2019	Preston	V3	4
5590	NxB-RIL-371-18	.	596	899	10	8	0	0	596	2019	Preston	W1	1
5591	NxB-RIL-371-18	.	596	899	10	8	0	0	596	2019	Preston	W2	6
5592	NxB-RIL-371-18	.	596	899	10	8	0	0	596	2019	Preston	W3	5
5593	BxN-RIL-347-23	.	44	900	10	8	0	0	44	2019	Preston	STD	3
5594	BxN-RIL-347-23	.	44	900	10	8	0	0	44	2019	Preston	V1	4
5595	BxN-RIL-347-23	.	44	900	10	8	0	0	44	2019	Preston	V2	2
5596	BxN-RIL-347-23	.	44	900	10	8	0	0	44	2019	Preston	V3	3
5597	BxN-RIL-347-23	.	44	900	10	8	0	0	44	2019	Preston	W1	4
5598	BxN-RIL-347-23	.	44	900	10	8	0	0	44	2019	Preston	W2	4
5599	BxN-RIL-347-23	.	44	900	10	8	0	0	44	2019	Preston	W3	3
5600	NxB-RIL-365-6	.	445	901	10	8	0	0	445	2019	Preston	STD	3
5601	NxB-RIL-365-6	.	445	901	10	8	0	0	445	2019	Preston	V1	3
5602	NxB-RIL-365-6	.	445	901	10	8	0	0	445	2019	Preston	V2	3
5603	NxB-RIL-365-6	.	445	901	10	8	0	0	445	2019	Preston	V3	3
5604	NxB-RIL-365-6	.	445	901	10	8	0	0	445	2019	Preston	W1	3
5605	NxB-RIL-365-6	.	445	901	10	8	0	0	445	2019	Preston	W2	5
5606	NxB-RIL-365-6	.	445	901	10	8	0	0	445	2019	Preston	W3	4
5607	NxB-RIL-368-4	.	513	902	10	9	0	0	513	2019	Preston	STD	2
5608	NxB-RIL-368-4	.	513	902	10	9	0	0	513	2019	Preston	V1	3
5609	NxB-RIL-368-4	.	513	902	10	9	0	0	513	2019	Preston	V2	2
5610	NxB-RIL-368-4	.	513	902	10	9	0	0	513	2019	Preston	V3	3
5611	NxB-RIL-368-4	.	513	902	10	9	0	0	513	2019	Preston	W1	3
5612	NxB-RIL-368-4	.	513	902	10	9	0	0	513	2019	Preston	W2	4
5613	NxB-RIL-368-4	.	513	902	10	9	0	0	513	2019	Preston	W3	3
5614	BxN-RIL-356-16	.	225	903	10	9	0	0	225	2019	Preston	STD	2
5615	BxN-RIL-356-16	.	225	903	10	9	0	0	225	2019	Preston	V1	3
5616	BxN-RIL-356-16	.	225	903	10	9	0	0	225	2019	Preston	V2	3
5617	BxN-RIL-356-16	.	225	903	10	9	0	0	225	2019	Preston	V3	4
5618	BxN-RIL-356-16	.	225	903	10	9	0	0	225	2019	Preston	W1	3
5619	BxN-RIL-356-16	.	225	903	10	9	0	0	225	2019	Preston	W2	5
5620	BxN-RIL-356-16	.	225	903	10	9	0	0	225	2019	Preston	W3	4
5621	NxB-RIL-368-5	.	514	904	10	9	0	0	514	2019	Preston	STD	3
5622	NxB-RIL-368-5	.	514	904	10	9	0	0	514	2019	Preston	V1	3
5623	NxB-RIL-368-5	.	514	904	10	9	0	0	514	2019	Preston	V2	4
5624	NxB-RIL-368-5	.	514	904	10	9	0	0	514	2019	Preston	V3	4

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5625	NxB-RIL-368-5	.	514	904	10	9	0	0	514	2019	Preston	W1	4
5626	NxB-RIL-368-5	.	514	904	10	9	0	0	514	2019	Preston	W2	5
5627	NxB-RIL-368-5	.	514	904	10	9	0	0	514	2019	Preston	W3	3
5628	BxN-RIL-355-23	.	209	905	10	9	0	0	209	2019	Preston	STD	3
5629	BxN-RIL-355-23	.	209	905	10	9	0	0	209	2019	Preston	V1	3
5630	BxN-RIL-355-23	.	209	905	10	9	0	0	209	2019	Preston	V2	3
5631	BxN-RIL-355-23	.	209	905	10	9	0	0	209	2019	Preston	V3	4
5632	BxN-RIL-355-23	.	209	905	10	9	0	0	209	2019	Preston	W1	3
5633	BxN-RIL-355-23	.	209	905	10	9	0	0	209	2019	Preston	W2	5
5634	BxN-RIL-355-23	.	209	905	10	9	0	0	209	2019	Preston	W3	4
5635	NorLin	10+9	715	906	10	9	1	0	715	2019	Preston	STD	3
5636	NorLin	10+9	715	906	10	9	1	0	715	2019	Preston	V1	4
5637	NorLin	10+9	715	906	10	9	1	0	715	2019	Preston	V2	3
5638	NorLin	10+9	715	906	10	9	1	0	715	2019	Preston	V3	3
5639	NorLin	10+9	715	906	10	9	1	0	715	2019	Preston	W1	2
5640	NorLin	10+9	715	906	10	9	1	0	715	2019	Preston	W2	3
5641	NorLin	10+9	715	906	10	9	1	0	715	2019	Preston	W3	3
5642	BxN-RIL-355-27	.	211	907	10	9	0	0	211	2019	Preston	STD	3
5643	BxN-RIL-355-27	.	211	907	10	9	0	0	211	2019	Preston	V1	3
5644	BxN-RIL-355-27	.	211	907	10	9	0	0	211	2019	Preston	V2	2
5645	BxN-RIL-355-27	.	211	907	10	9	0	0	211	2019	Preston	V3	2
5646	BxN-RIL-355-27	.	211	907	10	9	0	0	211	2019	Preston	W1	2
5647	BxN-RIL-355-27	.	211	907	10	9	0	0	211	2019	Preston	W2	4
5648	BxN-RIL-355-27	.	211	907	10	9	0	0	211	2019	Preston	W3	2
5649	BxN-RIL-355-26	.	210	908	10	9	0	0	210	2019	Preston	STD	3
5650	BxN-RIL-355-26	.	210	908	10	9	0	0	210	2019	Preston	V1	3
5651	BxN-RIL-355-26	.	210	908	10	9	0	0	210	2019	Preston	V2	1
5652	BxN-RIL-355-26	.	210	908	10	9	0	0	210	2019	Preston	V3	2
5653	BxN-RIL-355-26	.	210	908	10	9	0	0	210	2019	Preston	W1	1
5654	BxN-RIL-355-26	.	210	908	10	9	0	0	210	2019	Preston	W2	3
5655	BxN-RIL-355-26	.	210	908	10	9	0	0	210	2019	Preston	W3	3
5656	BxN-RIL-360-21	.	329	909	10	9	0	0	329	2019	Preston	STD	2
5657	BxN-RIL-360-21	.	329	909	10	9	0	0	329	2019	Preston	V1	2
5658	BxN-RIL-360-21	.	329	909	10	9	0	0	329	2019	Preston	V2	2
5659	BxN-RIL-360-21	.	329	909	10	9	0	0	329	2019	Preston	V3	2
5660	BxN-RIL-360-21	.	329	909	10	9	0	0	329	2019	Preston	W1	2
5661	BxN-RIL-360-21	.	329	909	10	9	0	0	329	2019	Preston	W2	4
5662	BxN-RIL-360-21	.	329	909	10	9	0	0	329	2019	Preston	W3	2

Obs	Genotype	Whole_plot	Record	Plot	Row	Column	Cp	Csp	Entry	Year	Location	Trait	Value
5663	BxN-RIL-347-7	.	29	910	10	9	0	0	29	2019	Preston	STD	2
5664	BxN-RIL-347-7	.	29	910	10	9	0	0	29	2019	Preston	V1	2
5665	BxN-RIL-347-7	.	29	910	10	9	0	0	29	2019	Preston	V2	1
5666	BxN-RIL-347-7	.	29	910	10	9	0	0	29	2019	Preston	V3	2
5667	BxN-RIL-347-7	.	29	910	10	9	0	0	29	2019	Preston	W1	2
5668	BxN-RIL-347-7	.	29	910	10	9	0	0	29	2019	Preston	W2	3
5669	BxN-RIL-347-7	.	29	910	10	9	0	0	29	2019	Preston	W3	2