

Cluster ID	Nloci	Pecotype-randomisation-test	Inferred Causes	Located Chromosome
1	0.217	411	Geographic structure or other evolutionary phenomena	LG1, LG3
2	1	19624	Geographic structure or other evolutionary phenomena	LG2, LG3, LG4, LG5, LG6, LG7, LG8, LG9, LG10, LG13, LG14, LG15, LG16, LG17, LG18, LG20, LG21
3	1	12536	Geographic structure or other evolutionary phenomena	LG2, LG3, LG4, LG5, LG6, LG7, LG8, LG9, LG10, LG13, LG14, LG15, LG16, LG17, LG18, LG20, LG21
4	1	18785	Geographic structure or other evolutionary phenomena	LG1, LG2, LG3, LG4, LG5, LG6, LG7, LG8, LG9, LG10, LG11, LG13, LG14, LG15, LG16, LG17, LG18, LG20, LG21
5	1	39505	Geographic structure or other evolutionary phenomena	LG1, LG2, LG3, LG4, LG5, LG6, LG7, LG8, LG9, LG10, LG11, LG13, LG14, LG15, LG16, LG17, LG18, LG20, LG21
6	NA	935	Geographic structure or other evolutionary phenomena	LG2, LG6, LG14, LG16, LG17, LG18, LG20, LG21
7	0.217	3538	Geographic structure or other evolutionary phenomena	LG1, LG2, LG3, LG4, LG5, LG6, LG7, LG8, LG9, LG10, LG11, LG13, LG14, LG15, LG16, LG17, LG18, LG20, LG21
8	1	1287	Geographic structure or other evolutionary phenomena	LG1, LG4, LG5, LG6, LG9, LG10, LG13, LG14, LG15, LG16, LG18, LG20, LG21
9	0.217	1438	Geographic structure or other evolutionary phenomena	LG3, LG5, LG8, LG9, LG10, LG14, LG16, LG18, LG20, LG21
10	NA	968	Geographic structure or other evolutionary phenomena	LG4, LG7, LG8, LG11, LG17, LG18, LG21
11	0.24	1267	Geographic structure or other evolutionary phenomena	LG1, LG3, LG4, LG6, LG7, LG9, LG10, LG11, LG13, LG14, LG15, LG16, LG17, LG18, LG20, LG21
12	NA	36	Geographic structure or other evolutionary phenomena	LG1
13	0.669	70	Geographic structure or other evolutionary phenomena	LG1
14	NA	68	Geographic structure or other evolutionary phenomena	LG10
15	0.564	95	Geographic structure or other evolutionary phenomena	LG10
16	0.445	57	Geographic structure or other evolutionary phenomena	LG10
17	NA	33	Geographic structure or other evolutionary phenomena	LG11
18	NA	154	Geographic structure or other evolutionary phenomena	LG11
19	NA	31	Geographic structure or other evolutionary phenomena	LG11
20	NA	39	Geographic structure or other evolutionary phenomena	LG11
21	0.217	126	Geographic structure or other evolutionary phenomena	LG11
22	NA	59	Geographic structure or other evolutionary phenomena	LG11
23	NA	64	Geographic structure or other evolutionary phenomena	LG13
24	0.564	47	Geographic structure or other evolutionary phenomena	LG13
25	0.702	52	Geographic structure or other evolutionary phenomena	LG13
26	NA	85	Geographic structure or other evolutionary phenomena	LG13
27	0.702	112	Geographic structure or other evolutionary phenomena	LG14
28	NA	46	Geographic structure or other evolutionary phenomena	LG14
29	NA	43	Geographic structure or other evolutionary phenomena	LG14
30	0.544	41	Geographic structure or other evolutionary phenomena	LG15
31	NA	108	Geographic structure or other evolutionary phenomena	LG15
32	1	87	Geographic structure or other evolutionary phenomena	LG15
33	0.544	123	Geographic structure or other evolutionary phenomena	LG16
34	0.564	129	Geographic structure or other evolutionary phenomena	LG16
35	NA	34	Geographic structure or other evolutionary phenomena	LG16
36	1	165	Geographic structure or other evolutionary phenomena	LG16
37	NA	65	Geographic structure or other evolutionary phenomena	LG16
38	NA	132	Geographic structure or other evolutionary phenomena	LG16
39	1	368	Geographic structure or other evolutionary phenomena	LG16, LG17
40	1	31	Geographic structure or other evolutionary phenomena	LG16
41	NA	78	Geographic structure or other evolutionary phenomena	LG16
42	0.217	67	Geographic structure or other evolutionary phenomena	LG16
43	NA	43	Geographic structure or other evolutionary phenomena	LG16
44	NA	100	Geographic structure or other evolutionary phenomena	LG17
45	1	62	Geographic structure or other evolutionary phenomena	LG17
46	0.242	36	Geographic structure or other evolutionary phenomena	LG17
47	1	167	Geographic structure or other evolutionary phenomena	LG17
48	1	2174	Geographic structure or other evolutionary phenomena	LG8, LG18
49	NA	28	Geographic structure or other evolutionary phenomena	LG18
50	0.416	32	Geographic structure or other evolutionary phenomena	LG18
51	0.544	137	Geographic structure or other evolutionary phenomena	LG2
52	NA	70	Geographic structure or other evolutionary phenomena	LG2
53	0.669	79	Geographic structure or other evolutionary phenomena	LG2
54	NA	138	Geographic structure or other evolutionary phenomena	LG20
55	NA	28	Geographic structure or other evolutionary phenomena	LG20
56	0.03	34	Local adaptation	LG20
57	1	78	Geographic structure or other evolutionary phenomena	LG20
58	1	78	Geographic structure or other evolutionary phenomena	LG20
59	NA	22	Geographic structure or other evolutionary phenomena	LG20
60	NA	97	Geographic structure or other evolutionary phenomena	LG20
61	0.702	59	Geographic structure or other evolutionary phenomena	LG21
62	0.564	32	Geographic structure or other evolutionary phenomena	LG21
63	0.217	29	Geographic structure or other evolutionary phenomena	LG21
64	0.669	53	Geographic structure or other evolutionary phenomena	LG21
65	0.544	82	Geographic structure or other evolutionary phenomena	LG21
66	NA	26	Geographic structure or other evolutionary phenomena	LG21
67	NA	34	Geographic structure or other evolutionary phenomena	LG3
68	NA	61	Geographic structure or other evolutionary phenomena	LG3
69	NA	309	Geographic structure or other evolutionary phenomena	LG3
70	NA	106	Geographic structure or other evolutionary phenomena	LG3
71	NA	46	Geographic structure or other evolutionary phenomena	LG3
72	0.445	59	Geographic structure or other evolutionary phenomena	LG3
73	0.445	83	Geographic structure or other evolutionary phenomena	LG4
74	NA	96	Geographic structure or other evolutionary phenomena	LG4
75	NA	46	Geographic structure or other evolutionary phenomena	LG4
76	0.445	72	Geographic structure or other evolutionary phenomena	LG4
77	NA	38	Geographic structure or other evolutionary phenomena	LG4
78	NA	429	Geographic structure or other evolutionary phenomena	LG4
79	NA	92	Geographic structure or other evolutionary phenomena	LG4
80	1	61	Geographic structure or other evolutionary phenomena	LG4
81	0.24	107	Geographic structure or other evolutionary phenomena	LG5
82	NA	127	Geographic structure or other evolutionary phenomena	LG5
83	1	40	Geographic structure or other evolutionary phenomena	LG5
84	NA	72	Geographic structure or other evolutionary phenomena	LG5
85	NA	30	Geographic structure or other evolutionary phenomena	LG5
86	NA	38	Geographic structure or other evolutionary phenomena	LG5
87	0.445	46	Geographic structure or other evolutionary phenomena	LG5
88	1	72	Geographic structure or other evolutionary phenomena	LG5
89	NA	26	Geographic structure or other evolutionary phenomena	LG5
90	0.217	34	Geographic structure or other evolutionary phenomena	LG5
91	NA	59	Geographic structure or other evolutionary phenomena	LG5
92	0.564	48	Geographic structure or other evolutionary phenomena	LG7
93	NA	49	Geographic structure or other evolutionary phenomena	LG7
94	NA	190	Geographic structure or other evolutionary phenomena	LG7
95	NA	123	Geographic structure or other evolutionary phenomena	LG7
96	NA	369	Geographic structure or other evolutionary phenomena	LG8
97	0.24	37	Geographic structure or other evolutionary phenomena	LG8
98	NA	54	Geographic structure or other evolutionary phenomena	LG8
99	0.544	55	Geographic structure or other evolutionary phenomena	LG8
100	NA	47	Geographic structure or other evolutionary phenomena	LG9
101	NA	77	Geographic structure or other evolutionary phenomena	LG9
102	0.03	34	Local adaptation	LG9
103	NA	33	Geographic structure or other evolutionary phenomena	LG9
104	NA	102	Geographic structure or other evolutionary phenomena	LG9
105	NA	172	Geographic structure or other evolutionary phenomena	LG13
106	0.544	148	Geographic structure or other evolutionary phenomena	LG13
107	NA	132	Geographic structure or other evolutionary phenomena	LG15
108	NA	126	Geographic structure or other evolutionary phenomena	LG6
109	NA	124	Geographic structure or other evolutionary phenomena	LG18
110	1	120	Geographic structure or other evolutionary phenomena	LG4
111	1	116	Geographic structure or other evolutionary phenomena	LG3
112	0.544	112	Geographic structure or other evolutionary phenomena	LG10
113	NA	110	Geographic structure or other evolutionary phenomena	LG11
114	NA	108	Geographic structure or other evolutionary phenomena	LG5
115	NA	52	Geographic structure or other evolutionary phenomena	LG10
116	1	50	Geographic structure or other evolutionary phenomena	LG8
117	1	48	Geographic structure or other evolutionary phenomena	LG8
118	0.463	47	Geographic structure or other evolutionary phenomena	LG9
119	NA	45	Geographic structure or other evolutionary phenomena	LG14
120	0.544	45	Geographic structure or other evolutionary phenomena	LG1
121	NA	44	Geographic structure or other evolutionary phenomena	LG9
122	NA	44	Geographic structure or other evolutionary phenomena	LG4
123	NA	44	Geographic structure or other evolutionary phenomena	LG17
124	NA	43	Geographic structure or other evolutionary phenomena	LG9
125	NA	43	Geographic structure or other evolutionary phenomena	LG7
126	1	43	Geographic structure or other evolutionary phenomena	LG21
127	NA	43	Geographic structure or other evolutionary phenomena	LG11
128	NA	43	Geographic structure or other evolutionary phenomena	LG10
129	0.669	42	Geographic structure or other evolutionary phenomena	LG18
130	NA	42	Geographic structure or other evolutionary phenomena	LG1
131	NA	41	Geographic structure or other evolutionary phenomena	LG9
132	1	41	Geographic structure or other evolutionary phenomena	LG4
133	NA	41	Geographic structure or other evolutionary phenomena	LG21
134	NA	41	Geographic structure or other evolutionary phenomena	LG18
135	0.669	41	Geographic structure or other evolutionary phenomena	LG18
136	NA	41	Geographic structure or other evolutionary phenomena	LG18
137	NA	41	Geographic structure or other evolutionary phenomena	LG16
138	NA	40	Geographic structure or other evolutionary phenomena	LG5
139	NA	39	Geographic structure or other evolutionary phenomena	LG17
140	NA	39	Geographic structure or other evolutionary phenomena	LG8
141	NA	39	Geographic structure or other evolutionary phenomena	LG8
142	NA	39	Geographic structure or other evolutionary phenomena	LG7
143	1	39	Geographic structure or other evolutionary phenomena	LG20
144	NA	39	Geographic structure or other evolutionary phenomena	LG16
145	NA	38	Geographic structure or other evolutionary phenomena	LG9
146	NA	38	Geographic structure or other evolutionary phenomena	LG16
147	NA	37	Geographic structure or other evolutionary phenomena	LG5
148	NA	37	Geographic structure or other evolutionary phenomena	LG5
149	0.544	37	Geographic structure or other evolutionary phenomena	LG21
150	0.701	37	Geographic structure or other evolutionary phenomena	LG17
151	NA	37	Geographic structure or other evolutionary phenomena	LG11
152	1	36	Geographic structure or other evolutionary phenomena	LG9
153	NA	36	Geographic structure or other evolutionary phenomena	LG8
154	NA	36	Geographic structure or other evolutionary phenomena	LG6