

Cluster ID	N _{mut}	P _{positive-randomisation-test}	Inferred Causes	Located Chromosome
1	1	3862	Geographic structure or other evolutionary phenomena	groupI, groupII, groupIII, groupIV, groupV, groupVI, groupVII, groupVIII, groupX, groupXI, groupXIII, groupXIV, groupXV, groupXVI, groupXVII, groupXVIII, groupXX, groupXXI
2	NA	1610	Geographic structure or other evolutionary phenomena	groupI, groupII, groupIII, groupIV, groupV, groupVI, groupVII, groupVIII, groupXI, groupXIII, groupXIV, groupXV, groupXVI, groupXVII, groupXX
3	0.17	839	Geographic structure or other evolutionary phenomena	groupII, groupIV, groupIX, groupVII, groupX, groupXIII, groupXIV, groupXV, groupXVII, groupXVIII
4	0.18	799	Geographic structure or other evolutionary phenomena	groupI, groupIX, groupV, groupVI, groupVII, groupVIII, groupX, groupXIII, groupXVII, groupXVIII, groupXX
5	NA	273	Geographic structure or other evolutionary phenomena	groupI, groupIX, groupVIII, groupX, groupXIII, groupXVI
6	0	2663	Local adaptation	groupI, groupII, groupIII, groupIV, groupVII, groupXX
7	NA	2318	Geographic structure or other evolutionary phenomena	groupI, groupII, groupIII, groupIV, groupIX, groupV, groupVI, groupVII, groupVIII, groupX, groupXI, groupXIII, groupXIV, groupXV, groupXVI, groupXVII, groupXVIII, groupXX, groupXXI
8	0.24	78	Geographic structure or other evolutionary phenomena	groupI
9	NA	27	Geographic structure or other evolutionary phenomena	groupI
10	0.76	34	Geographic structure or other evolutionary phenomena	groupI
11	0.23	27	Geographic structure or other evolutionary phenomena	groupI
12	0.25	27	Geographic structure or other evolutionary phenomena	groupI
13	0.72	49	Geographic structure or other evolutionary phenomena	groupII
14	NA	22	Geographic structure or other evolutionary phenomena	groupII
15	0.02	61	Local adaptation	groupII
16	0.15	51	Geographic structure or other evolutionary phenomena	groupII
17	0.08	34	Geographic structure or other evolutionary phenomena	groupII
18	0.21	33	Geographic structure or other evolutionary phenomena	groupII
19	NA	21	Geographic structure or other evolutionary phenomena	groupIII
20	NA	46	Geographic structure or other evolutionary phenomena	groupIII
21	0.02	76	Local adaptation	groupIII, groupXVIII
22	NA	31	Geographic structure or other evolutionary phenomena	groupIII
23	0.1	46	Geographic structure or other evolutionary phenomena	groupIII
24	NA	78	Geographic structure or other evolutionary phenomena	groupIV
25	NA	45	Geographic structure or other evolutionary phenomena	groupIV
26	0.42	84	Geographic structure or other evolutionary phenomena	groupIV
27	0.36	71	Geographic structure or other evolutionary phenomena	groupIV
28	0.1	47	Geographic structure or other evolutionary phenomena	groupIV
29	NA	48	Geographic structure or other evolutionary phenomena	groupIV
30	0.26	26	Geographic structure or other evolutionary phenomena	groupIV
31	0.58	129	Geographic structure or other evolutionary phenomena	groupIV
32	0.12	57	Geographic structure or other evolutionary phenomena	groupIV
33	0.51	61	Geographic structure or other evolutionary phenomena	groupIV
34	0.08	22	Geographic structure or other evolutionary phenomena	groupIV
35	NA	184	Geographic structure or other evolutionary phenomena	groupIV
36	0.4	91	Geographic structure or other evolutionary phenomena	groupIV
37	0.12	65	Geographic structure or other evolutionary phenomena	groupIV
38	0.02	35	Local adaptation	groupIV
39	NA	88	Geographic structure or other evolutionary phenomena	groupIV
40	NA	32	Geographic structure or other evolutionary phenomena	groupIV
41	0.06	30	Geographic structure or other evolutionary phenomena	groupIV
42	0.05	59	Geographic structure or other evolutionary phenomena	groupIV
43	NA	40	Geographic structure or other evolutionary phenomena	groupIV
44	NA	39	Geographic structure or other evolutionary phenomena	groupIV
45	0.42	108	Geographic structure or other evolutionary phenomena	groupIV
46	0.18	61	Geographic structure or other evolutionary phenomena	groupIX
47	0.25	26	Geographic structure or other evolutionary phenomena	groupIX
48	0.04	47	Local adaptation	groupIX
49	0.71	841	Geographic structure or other evolutionary phenomena	groupIX
50	NA	41	Geographic structure or other evolutionary phenomena	groupIX
51	0.01	30	Local adaptation	groupIX
52	0.05	33	Local adaptation	groupIX
53	0.19	34	Geographic structure or other evolutionary phenomena	groupIX
54	0.11	24	Geographic structure or other evolutionary phenomena	groupIX
55	0.18	70	Geographic structure or other evolutionary phenomena	groupIX
56	0.05	102	Local adaptation	groupIX
57	0.78	54	Geographic structure or other evolutionary phenomena	groupIX
58	NA	50	Geographic structure or other evolutionary phenomena	groupIX
59	NA	57	Geographic structure or other evolutionary phenomena	groupIX
60	0.02	33	Local adaptation	groupV
61	0.16	32	Geographic structure or other evolutionary phenomena	groupV
62	NA	40	Geographic structure or other evolutionary phenomena	groupV
63	0.31	41	Geographic structure or other evolutionary phenomena	groupVI
64	1	26	Geographic structure or other evolutionary phenomena	groupVII
65	NA	57	Geographic structure or other evolutionary phenomena	groupVII
66	0.16	27	Geographic structure or other evolutionary phenomena	groupVII
67	0.02	55	Local adaptation	groupVII
68	1	74	Geographic structure or other evolutionary phenomena	groupVII
69	NA	35	Geographic structure or other evolutionary phenomena	groupVII
70	1	28	Geographic structure or other evolutionary phenomena	groupVII
71	0.12	28	Geographic structure or other evolutionary phenomena	groupVII
72	0.19	18	Geographic structure or other evolutionary phenomena	groupVII
73	0.08	74	Geographic structure or other evolutionary phenomena	groupVII
74	0.01	119	Local adaptation	groupVII
75	0.08	47	Geographic structure or other evolutionary phenomena	groupVII
76	0.12	43	Geographic structure or other evolutionary phenomena	groupVII
77	0.13	70	Geographic structure or other evolutionary phenomena	groupVII
78	0	65	Local adaptation	groupVII
79	0.51	26	Geographic structure or other evolutionary phenomena	groupVII
80	0.65	51	Geographic structure or other evolutionary phenomena	groupVII
81	0.71	19	Geographic structure or other evolutionary phenomena	groupVII
82	0.19	85	Geographic structure or other evolutionary phenomena	groupVII
83	0.22	46	Geographic structure or other evolutionary phenomena	groupVII
84	0.14	133	Geographic structure or other evolutionary phenomena	groupVII
85	0.13	98	Geographic structure or other evolutionary phenomena	groupVII
86	NA	53	Geographic structure or other evolutionary phenomena	groupVIII
87	NA	29	Geographic structure or other evolutionary phenomena	groupVIII
88	0.08	64	Geographic structure or other evolutionary phenomena	groupVIII
89	NA	62	Geographic structure or other evolutionary phenomena	groupVIII
90	0.4	32	Geographic structure or other evolutionary phenomena	groupVIII
91	NA	26	Geographic structure or other evolutionary phenomena	groupX
92	0.31	29	Geographic structure or other evolutionary phenomena	groupXI
93	NA	54	Geographic structure or other evolutionary phenomena	groupXI
94	0.03	983	Local adaptation	groupXI
95	NA	65	Geographic structure or other evolutionary phenomena	groupXI
96	NA	55	Geographic structure or other evolutionary phenomena	groupXIII
97	NA	31	Geographic structure or other evolutionary phenomena	groupXIII
98	0.01	85	Local adaptation	groupXIV
99	0.19	51	Geographic structure or other evolutionary phenomena	groupXIV
100	0.17	50	Geographic structure or other evolutionary phenomena	groupXIV
101	0.11	36	Geographic structure or other evolutionary phenomena	groupXIV
102	0.05	44	Local adaptation	groupXV
103	NA	27	Geographic structure or other evolutionary phenomena	groupXV
104	0.02	53	Local adaptation	groupXV
105	0.01	57	Local adaptation	groupXV
106	0.42	44	Geographic structure or other evolutionary phenomena	groupXVI
107	NA	24	Geographic structure or other evolutionary phenomena	groupXVI
108	0.4	24	Geographic structure or other evolutionary phenomena	groupXVI
109	0.21	28	Geographic structure or other evolutionary phenomena	groupXVI
110	0.19	75	Geographic structure or other evolutionary phenomena	groupXVI
111	0.14	41	Geographic structure or other evolutionary phenomena	groupXVI
112	0.16	37	Geographic structure or other evolutionary phenomena	groupXVI
113	NA	27	Geographic structure or other evolutionary phenomena	groupXVI
114	0.65	47	Geographic structure or other evolutionary phenomena	groupXVII
115	NA	51	Geographic structure or other evolutionary phenomena	groupXVII
116	0.01	41	Local adaptation	groupXVII
117	0.18	32	Geographic structure or other evolutionary phenomena	groupXVII
118	0.02	27	Local adaptation	groupXVIII
119	0.09	32	Geographic structure or other evolutionary phenomena	groupXVIII
120	0.54	30	Geographic structure or other evolutionary phenomena	groupXVIII
121	NA	51	Geographic structure or other evolutionary phenomena	groupXVIII
122	0.03	24	Local adaptation	groupXVIII
123	NA	27	Geographic structure or other evolutionary phenomena	groupXVIII
124	0.12	41	Geographic structure or other evolutionary phenomena	groupXVIII
125	0.02	76	Local adaptation	groupIII, groupXVIII
126	0.19	27	Geographic structure or other evolutionary phenomena	groupXX
127	0.02	19	Local adaptation	groupXX
128	0.56	41	Geographic structure or other evolutionary phenomena	groupXX
129	0	45	Local adaptation	groupXX
130	0	42	Local adaptation	groupXX
131	NA	28	Geographic structure or other evolutionary phenomena	groupXXI
132	0.11	48	Geographic structure or other evolutionary phenomena	groupXXI
133	0.19	100	Geographic structure or other evolutionary phenomena	groupIV
134	0	92	Local adaptation	groupV
135	NA	64	Geographic structure or other evolutionary phenomena	groupXVIII
136	0.02	60	Local adaptation	groupXX
137	0.02	50	Local adaptation	groupXX
138	NA	48	Geographic structure or other evolutionary phenomena	groupXI
139	NA	44	Geographic structure or other evolutionary phenomena	groupXX
140	0.02	42	Local adaptation	groupIV
141	NA	40	Geographic structure or other evolutionary phenomena	groupXIII
142	0.02	36	Local adaptation	groupXX
143	NA	18	Geographic structure or other evolutionary phenomena	groupXI
144	0.4	18	Geographic structure or other evolutionary phenomena	groupIV
145	0.18	18	Geographic structure or other evolutionary phenomena	groupII
146	0.19	18	Geographic structure or other evolutionary phenomena	groupI
147	NA	17	Geographic structure or other evolutionary phenomena	groupXX
148	NA	17	Geographic structure or other evolutionary phenomena	groupXX
149	NA	16	Geographic structure or other evolutionary phenomena	groupXX
150	0.12	16	Geographic structure or other evolutionary phenomena	groupXX
151	0.01	15	Local adaptation	groupXX
152	0.47	15	Geographic structure or other evolutionary phenomena	groupXI
153	0.08	15	Geographic structure or other evolutionary phenomena	groupVII
154	0	15	Local adaptation	groupIV
155	0.04	14	Local adaptation	groupXX
156	0.17	14	Geographic structure or other evolutionary phenomena	groupIV
157	0.12	13	Geographic structure or other evolutionary phenomena	groupX
158	0.08	13	Geographic structure or other evolutionary phenomena	groupX
159	0.26	13	Geographic structure or other evolutionary phenomena	groupIV
160	NA	13	Geographic structure or other evolutionary phenomena	groupIV
161	0.01	12	Local adaptation	groupXX
162	NA	12	Geographic structure or other evolutionary phenomena	groupXX
163	0.21	12	Geographic structure or other evolutionary phenomena	groupVI
164	NA	12	Geographic structure or other evolutionary phenomena	groupXIV
165	0.05	12	Local adaptation	groupXIII
166	0.02	12	Local adaptation	groupXI
167	NA	12	Geographic structure or other evolutionary phenomena	groupVIII
168	0.12	12	Geographic structure or other evolutionary phenomena	groupIX
169	NA	12	Geographic structure or other evolutionary phenomena	groupII
170	NA	12	Geographic structure or other evolutionary phenomena	groupI
171	NA	11	Geographic structure or other evolutionary phenomena	groupXV
172	1	11	Geographic structure or other evolutionary phenomena	groupXV
173	NA	11	Geographic structure or other evolutionary phenomena	groupXIII
174	NA	11	Geographic structure or other evolutionary phenomena	groupXIII
175	0.14	11	Geographic structure or other evolutionary phenomena	groupXI
176	0.34	11	Geographic structure or other evolutionary phenomena	groupIX
177	0.05	11	Local adaptation	groupIV
178	NA	11	Geographic structure or other evolutionary phenomena	groupIV
179	0.56	11	Geographic structure or other evolutionary phenomena	groupIV
180	0.03	11	Local adaptation	groupIII
181	0.09	11	Geographic structure or other evolutionary phenomena	groupII
182	0.08	11	Geographic structure or other evolutionary phenomena	groupII