

Supplementary Table 3. Grouping schemes for AMOVA analysis

Populations	BAPS cluster	Host plants*
1	N	I
2	N	I
3	N	G
4	N	G
5	N	I
6	N	I
7	N	G
8	N	I
9	S	I
10	N	R
11	N	G
12	N	G
13	S	G
14	S	I
15	S	G
16	S	G
17	S	I
18	S	G
19	K	G
20	K	I
21	K	G
22	K	G
23	K	G
24	S	I
25	S	G
26	S	G
27	S	I
28	S	R
29	S	G
30	S	G
31	S	G
32	S	G
33	S	G
34	S	G

* L: Cultivated *Lolium multiflorum*; G: Uncultivated grasses; R:Rice.