

Table 2 List of SSR alleles that were chosen by the stepwise discriminant analyses for groups from cluster analysis

No.Of Variable	Variable	Variable IN/OUT	Status	Patial R ²	F	Pr > F	Wilks Lambda	Pr < Lambda
1	phi114_158	phi114_158	IN				0.2600	<0.0001
2	phi114_158/..	umc1545_84	IN	0.440	27.88	<0.0001	0.1500	<0.0001
3	phi114_158/..	umc1061_100	IN	0.380	21.26	<0.0001	0.0900	<0.0001
4	phi114_158/..	phi308707_116	IN	0.340	18.16	<0.0001	0.0600	<0.0001
5	phi114_158/..	umc1447_113	IN	0.300	15.04	<0.0001	0.0400	<0.0001
6	phi114_158/..	umc1196_141	IN	0.270	12.90	<0.0001	0.0300	<0.0001
7	phi114_158/..	umc1136_136	IN	0.250	11.53	<0.0001	0.0200	<0.0001
8	phi114_158/..	phi014_162	IN	0.230	10.37	<0.0001	0.0200	<0.0001
9	phi114_158/..	umc2047_126	IN	0.230	10.01	<0.0001	0.0100	<0.0001
10	phi114_158/..	phi453121_205	IN	0.210	9.20	<0.0001	0.0100	<0.0001
11	phi114_158/..	phi96100_297	IN	0.270	12.30	<0.0001	0.0100	<0.0001
12	phi114_158/..	phi127_125	IN	0.220	9.16	<0.0001	0.0100	<0.0001
13	phi114_158/..	phi008_54	IN	0.180	7.25	<0.0001	0.0100	<0.0001
14	phi114_158/..	phi029_147	IN	0.170	6.80	<0.0001	0.0000	<0.0001
15	phi114_158/..	phi109275_130	IN	0.170	6.86	<0.0001	0.0000	<0.0001
16	phi114_158/..	phi059_157	IN	0.150	5.94	<0.0001	0.0000	<0.0001
17	phi114_158/..	phi96100_293	IN	0.170	6.62	<0.0001	0.0000	<0.0001
18	phi114_158/..	umc1061_1009	IN	0.170	6.49	<0.0001	0.0000	<0.0001
19	phi114_158/..	phi109188_171	IN	0.180	6.92	<0.0001	0.0000	<0.0001
20	phi114_158/..	umc1136_139	IN	0.160	5.87	<0.0001	0.0000	<0.0001
21	phi114_158/..	phi059_145	IN	0.150	5.64	<0.0001	0.0000	<0.0001
22	phi114_158/..	phi093_282	IN	0.160	6.01	<0.0001	0.0000	<0.0001
23	phi114_158/..	phi96100_265	IN	0.140	5.07	0.000	0.0000	<0.0001
24	phi114_158/..	phi031_217	IN	0.140	4.92	0.000	0.0000	<0.0001

Continuing table 2

No.Of Variable	Variable	Variable IN/OUT	Status	Patial R ²	F	Pr > F	Wilks Lambda	Pr < Lambda
25	nc133_108/p...	nc113_108	IN	0.140	4.85	0.000	0.0000	<0.0001
26	nc133_108/p...	umc1447_125	IN	0.150	5.32	0.000	0.0000	<0.0001
27	nc133_108/p...	umc1136_157	OUT	0.150	5.23	0.000	0.0000	<0.0001
28	nc133_108/p...	phi96100_273	IN	0.140	5.00	0.000	0.0000	<0.0001
29	nc133_108/p...	phi015_103	IN	0.140	4.98	0.000	0.0000	<0.0001
30	nc133_108/p...	phi064_71	IN	0.150	5.10	0.000	0.0000	<0.0001
31	nc133_108/p...	umc1136_133	IN	0.130	4.55	0.000	0.0000	<0.0001
32	nc133_108/p...	umc1143_83	IN	0.120	4.16	0.000	0.0000	<0.0001
33	nc133_108/p...	phi059_151	IN	0.120	4.04	0.000	0.0000	<0.0001
34	nc133_108/p...	phi059_154	IN	0.120	4.06	0.000	0.0000	<0.0001
35	nc133_108/p...	phi227562_323	OUT	0.120	3.97	0.000	0.0000	<0.0001
36	nc133_108/p...	phi063_174	IN	0.120	3.80	0.000	0.0000	<0.0001
37	nc133_108/p...	phi115_289	IN	0.120	3.92	0.000	0.0000	<0.0001
38	nc133_108/p...	umc2047_134	IN	0.130	4.05	0.000	0.0000	<0.0001
39	nc133_108/p...	phi056_248	IN	0.110	3.36	0.010	0.0000	<0.0001
40	nc133_108/p...	phi112_151	IN	0.110	3.47	0.010	0.0000	<0.0001
41	nc133_108/p...	phi104127_157	IN	0.110	3.54	0.000	0.0000	<0.0001
42	nc133_108/p...	phi123_146	IN	0.120	3.66	0.000	0.0000	<0.0001
43	nc133_108/p...	phi075_238	IN	0.110	3.50	0.010	0.0000	<0.0001
44	nc133_108/p...	umc1143_83	OUT	0.060	1.66	0.150	0.0000	<0.0001
45	nc133_108/p...	phi076_159	IN	0.120	3.71	0.000	0.0000	<0.0001
46	nc133_108/p...	phi014_162	OUT	0.050	1.45	0.210	0.0000	<0.0001
47	nc133_108/p...	phi022_134	IN	0.110	3.36	0.010	0.0000	<0.0001
48	nc133_108/p...	phi102228_128	IN	0.110	3.45	0.010	0.0000	<0.0001
49	nc133_108/p...	phi374118_226	IN	0.120	3.52	0.010	0.0000	<0.0001
50	nc133_108/p...	phi056_245	OUT	0.110	3.37	0.010	0.0000	<0.0001
51	nc133_108/p...	umc1061_103	IN	0.100	3.08	0.010	0.0000	<0.0001

Continuing table 2

No.Of Variable	Variable	Variable IN/OUT	Status	Patial R ²	F	Pr > F	Wilks Lambda	Pr < Lambda
52	nc133_108/p...	phi104127_157165	IN	0.120	3.61	0.000	0.0000	<0.0001
53	nc133_108/p...	phi041_195	IN	0.110	3.08	0.010	0.0000	<0.0001
54	nc133_108/p...	phi102228_132	IN	0.130	3.83	0.000	0.0000	<0.0001
55	nc133_108/p...	umc1136_136	OUT	0.060	1.68	0.140	0.0000	<0.0001
56	nc133_108/p...	phi063_154	IN	0.130	3.73	0.000	0.0000	<0.0001
57	nc133_108/p...	phi227562_317	IN	0.120	3.40	0.010	0.0000	<0.0001
58	nc133_108/p...	phi072_137	IN	0.120	3.54	0.000	0.0000	<0.0001
59	nc133_108/p...	umc1061_106	IN	0.110	3.24	0.000	0.0000	<0.0001
60	nc133_108/p...	phi051_142	IN	0.120	3.32	0.010	0.0000	<0.0001
61	nc133_108/p...	umc1196_153	IN	0.140	3.99	0.010	0.0000	<0.0001
62	nc133_108/p...	phi050_82	IN	0.100	2.83	0.000	0.0000	<0.0001
63	nc133_108/p...	phi064_103	IN	0.100	2.82	0.020	0.0000	<0.0001
64	nc133_108/p...	phi085_240	IN	0.100	2.79	0.020	0.0000	<0.0001
65	nc133_108/p...	phi014_159	IN	0.100	2.70	0.020	0.0000	<0.0001
66	nc133_108/p...	umc1136_154	IN	0.100	2.77	0.020	0.0000	<0.0001
67	nc133_108/p...	umc1136_136	IN	0.090	2.41	0.040	0.0000	<0.0001
68	nc133_108/p...	phi102228_124	IN	0.090	2.33	0.050	0.0000	<0.0001
69	nc133_108/p...	phi053_177	IN	0.090	2.42	0.040	0.0000	<0.0001
70	nc133_108/p...	phi108411_119	IN	0.090	2.31	0.050	0.0000	<0.0001
71	nc133_108/p...	phi084_157	IN	0.110	2.76	0.020	0.0000	<0.0001
72	nc133_108/p...	umc1917_132	IN	0.090	2.30	0.050	0.0000	<0.0001
73	nc133_108/p...	phi227562_323	OUT	0.080	1.89	0.010	0.0000	<0.0001
74	nc133_108/p...	phi084_151	IN	0.100	2.44	0.040	0.0000	<0.0001
75	nc133_108/p...	phi056_248	OUT	0.060	1.52	0.190	0.0000	<0.0001
76	nc133_108/p...	phi064_87	IN	0.100	2.52	0.030	0.0000	<0.0001
77	nc133_108/p...	phi085_240	OUT	0.080	1.87	0.100	0.0000	<0.0001

* The chosen alleles had a P value of Pr<F 0.0001