

Table 1. Segregation ratios at the S-locus, color loci, and simple sequence repeat markers in two hazelnut progenies. Markers are listed in map order.

Locus	Observed	Expected	Chi-square	df	Prob.
<i>Progeny 05050 (BF)</i>					
A611	18:27:18:31	1:1:1:1	5.49	3	0.14
SMN_P	42:52	1:1	1.06	1	0.30
A601	45:47	1:1	0.04	1	0.83
B625	20:24:18:32	1:1:1:1	4.89	3	0.18
B765	44:50	1:1	0.38	1	0.54
BR190	44:50	1:1	0.38	1	0.54
B503	42:52	1:1	1.06	1	0.30
BR253	40:50	1:1	1.11	1	0.29
B741	28:15:21:30	1:1:1:1	6.00	3	0.11
B028	44:50	1:1	0.38	1	0.54
Leaf Color	45:49	1:1	0.17	1	0.68
Style Color	42:49	1:1	0.54	1	0.46
S-locus	13:30:28:21	1:1:1:1	7.74	3	0.05
BR259	28:13:22:29	1:1:1:1	7.04	3	0.07
KG819	30:13:21:30	1:1:1:1	8.55	3	0.04
KG847	13:30:30:21	1:1:1:1	8.55	3	0.04
B774	15:28:30:21	1:1:1:1	6.00	3	0.11
B720	26:14:25:29	1:1:1:1	5.49	3	0.14
BR294	48:44	1:1	0.17	1	0.68
<i>Progeny 00064 (XE)</i>					
A611	19:25:18:28	1:1:1:1	3.07	3	0.38
C114	37:53	1:1	2.84	1	0.09
KG868	40:50	1:1	1.11	1	0.29
B765	39:51	1:1	1.60	1	0.21
B625	39:51	1:1	1.60	1	0.21
SMN_P	40:50	1:1	1.11	1	0.29
B503	40:50	1:1	1.11	1	0.29
BR427	36:52	1:1	2.91	1	0.09
B028	45:45	1:1	0.00	1	1.00
Style Color	43:47	1:1	0.18	1	0.67
BR259	37:46	1:1	0.98	1	0.32
KG819	20:21:24:25	1:1:1:1	0.76	3	0.86
KG847	41:49	1:1	0.71	1	0.40
S-locus	23:25:21:21	1:1:1:1	0.49	3	0.92
B774	23:29:20:18	1:1:1:1	3.07	3	0.38
B720	51:39	1:1	1.60	1	0.21