

Supplemental Table 1. Molecular markers used in the genotyping of F2 animals

<u>Chr #</u>	Length of chr (cM)	<u>Microsatellite markers for 191 progenies</u>	
		<u>Marker number</u>	Average distance between two <u>markers (cM)</u>
1	127	12	10.6
2	114	8	14.3
3	95	7	13.6
4	84	6	14.0
5	92	10	9.2
6	75	6	12.5
7	74	6	12.3
8	82	7	11.7
9	79	8	9.9
10	77	6	12.8
11	80	9	8.9
12	66	7	9.4
13	80	7	11.4
14	69	7	9.8
15	81	9	9.0
16	72	5	14.4
17	73	6	12.2
18	60	7	8.6
19	57	4	14.2
X	81	-	-
Total/Average	1618	137	11.8