
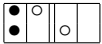
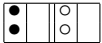

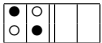
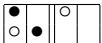
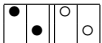
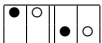
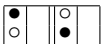
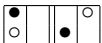
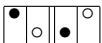


Table S15 Starting states for the calculation of probabilities of two-locus autosomal diplotypes of the form $AA|BB$, in the generation of four-way RIL by sibling mating

Prototype	No. states	Initial pattern	Initial probability
$AA BB$	2	 (1)	1/2
$AA BC$	16	 (7)	1/2
$AA CC$	4	 (2)	1/2
$AA CD$	8	 (3)	1/2
$AB BA$	2	 (6)	1/2
$AB BC$	16	 (8)	1/2
$AB CD$	4	 (5)	1/2
$AC BD$	4	 (11)	1/2
$AC CA$	4	 (12)	1/2
$AC CB$	8	 (13)	1/2
$AC DB$	4	 (14)	1/2