





**Table S9 Starting states for calculating two-locus X chromosome haplotype probabilities in the generation of four-way RIL by sibling mating**

Prototype	No. states	Initial pattern	Initial probability
<i>AA</i>	2	 (1)	1/2
<i>AB</i>	2	 (2)	1/2
<i>AC</i>	4	 (4)	1/4
<i>CC</i>	1	 (3)	1