Table S17 Starting states for the calculation of probabilities of the two-locus X chromosome female diplotype of the form  $AA \mid AA$ , in the generation of four-way RIL by sibling mating

| Prototype | No. states | Initial pattern |      | Initial probability |
|-----------|------------|-----------------|------|---------------------|
| AA AA     | 2          | •               | (4)  | 1/2                 |
| AB AB     | 2          |                 | (9)  | 1/2                 |
| AC AC     | 4          | •               | (8)  | 1/4                 |
| CC CC     | 1          |                 | (10) | 1                   |

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