



**Figure S2** Single-locus TRD analyses for SpMaF<sub>2</sub>. The  $p$ -value of the likelihood ratio tests are on the horizontal axes and genetic distances in cM on the y-axis. The blue line indicates gametic vs. null, and the green line indicates zygotic vs. null. The frequencies of the four F<sub>2</sub> genotypes are shown in different colours; from left to right: Sp homozygote (Sp1Sp2, blue), Sp1Ma2, Ma1Sp2, and Ma homozygote (Ma1Ma2, red).