



**Figure S6** Single-locus TRD analyses for SpStuF<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), Sp1Stu2, Stu1Sp2 and Stu homozygote (Stu1Stu2, yellow).