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SSR markers linked to a soybean stem canker resistance gene in soybean line MJ19RR  
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Soybean stem canker (SSC), caused by *Diaporthe*

*phaseolorum* var. *Meridionalis* (Dpm) is one of the most serious diseases in Argentina. Between 40 samples of Dpm collected in Argentina, the RSF12 isolate produced the highest percentage in dead plants index (85.7% DP) in the susceptible genotype Golondrina65 and was used to inoculate a set of differential genotypes. The experimental line MJ19RR expressed the lower value of DP (2.4%) and was used to study genetic resistance to SSC. Chi-square tests showed segregation fit a 3:1 ratio for resistance and susceptibility between 147 F<sub>2</sub> plants from the cross between MJ19RR x FT-2001, as expected for a single dominant gene. The bulked segregate analysis and linkage study detected a region related to SSC resistance in the Chromosome 6 of the soybean genetic map, located at 13.3 cM from Satt433. The results represent the first report of genetic location of SSC resistance in soybean genome.