

Supplementary Table1. Primer sequences and PCR conditions used for genotyping

Gene	Primers	Sequence	Denaturation	Annealing	Elongation	N°cycles
<i>BmdsxMΔ7</i>	dsxExon5s-1F	GACTGAAACGTCCGGACCG	98°C	57°C	72°C	30
	dsxExon5s-1R	GACA ACTCCAGCGCTCCG	10 s	30 s	60 s	
<i>BmdsxMΔ85</i>	BmDSX-5F	AATACGTAACAGTGTTGCCAGTTG	98°C	57°C	72°C	30
	BmDSX-6R	GCCTTGAATGTACGTACGACGTGTC	10 s	30 s	60 s	