

Satellite DNAs unveil clues about the ancestry and composition of B chromosomes in three grasshopper species

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Supplementary table

Table S1. Primers designed in this work and used for PCR amplification of satellite DNAs in the three species of grasshoppers.

Species	SatDNA	Primer F	Primer R
<i>R. brasiliensis</i>	RbrSat01-171	5' TGTTATTTAGTGTTCACACC 3'	5' TTCAATAAACACACTGAAAGTGT 3'
	RbrSat02-410	5' GAGGACATATGAGAATTTGGG 3'	5' CTACTTTGGCCATTACACTTC 3'
	RbrSat03-75	5' TTGCTAGGACAGGGACTCAA 3'	5' GCAGGAGGCTATGGGTTTG 3'
	RbrSat04-168	5' GCTCCACAGAAAAGCACCAT 3'	5' CCCAGACTAGTTTTGACGT 3'
	RbrSat05-179	5' TCCGCACTGTAATAATTCAAAT 3'	5' ATCACTGGCAAAGGGTGACT 3'
	RbrSat06-165	5' ACCTCAAATCGATCTCCAGAT 3'	5' ACAACATAGCTGCTACTTCTG 3'
	RbrSat07-240	5' CAGTGGCGAATGATTTCTACA 3'	5' GACTCCTCGTAGTGTGGAG 3'
	RbrSat08-176	5' GTGCGCCACGCCTAATTTC 3'	5' GGTCCCGCAAAGTTTCTGC 3'
	RbrSat09-238	5' TTCCATCTTCGTGTTACCTG 3'	5' ACAGCAGCGATTTATTTGGG 3'
	RbrSat10-268	5' TTAAACGTGGCCTAACTGTC 3'	5' CGTTGAAGGCGTTAAACAAG 3'
	RbrSat11-233	5' AGGAGAGAAGACACCGCCA 3'	5' CAGGCTCCCTCTGCAAAATA 3'
	RbrSat12-180	5' AGTGTCTGGCAGACCATAACA 3'	5' ACGTGTACCCAGACTTCCAA 3'
<i>S. rubiginosa</i>	SruSat01-194	5' TAGCAAAACCGCAGAAAACCT 3'	5' CGCATTACCACTTCTCGCTT 3'
	SruSat02-170	5' TCGTCATTAAGAGGCTCTGA 3'	5' TGGAACACACAAATTGCGTC 3'
	SruSat03-170	5' GCACTATTCTTCTTTACTGC 3'	5' ATCGGAAAGGAGATACTCGTA 3'
	SruSat04-301	5' CTGCCAGGAAGTTTCATATC 3'	5' ATTAAGAACTGTGTGCCGGAC 3'
	SruSat05-441	5' TGCCATGTAAGCAGGAGAT 3'	5' GACGCTCTATCCATCTGAG 3'
	SruSat06-363	5' GAGGCAAAAGCGCACTCAA 3'	5' GGAAGGTAAGGGCGTATCG 3'
	SruSat07-232	5' AATGTTGCAACCACACACAC 3'	5' ACGCTCCCATTGAGTAAATG 3'
	SruSat08-172	5' TGTACTTCAGTCGGCATTGT 3'	5' AGAAGACTGAGTCTCCTTAC 3'
	SruSat09-107	5' AACTGCTGAAAGCTTCCTTA 3'	5' CTTCCAGTCCACGTTACAT 3'
<i>X. d. angulatus</i>	XanSat01-8	5' CGAAAAGTCGAAAAGTCGA 3'	5' ACTTTTCGACTTTTCGACTT 3'
	XanSat02-21	5' GGCTATCTTCCCGCACCG 3'	5' GGCCGGTGCGGGAAGATA 3'
	XanSat03-10	5' CAGCCAAAATCAGCCAAAAT 3'	5' ATTTTGGCTGATTTTGGCTG 3'
	XanSat04-10	5' TTCGGCAAACCTTCGGCAA 3'	5' GTTTGCCGAAGTTTGCCGA 3'
	XanSat05-267	5' CATCCTCTACCAGATGG 3'	5' AAGACTGCTGCAGGGCAA 3'
	XanSat06-168	5' CCGTTACAGAACAACATAAAT 3'	5' ATATCAAACCTCTCAGCCAGT 3'
	XanSat07-279	5' CTTACTACATGAAGACTGAC 3'	5' ATATCCTTTGGTCACACAAG 3'
	XanSat08-16	5' GTCTCCGCATTTTCTGTCT 3'	5' AAGAAAAATGCGGAGACAAGA 3'
	XanSat09-130	5' CAATGACCATGTAGAAGGCT 3'	5' GCAACATCAAGAGGAATCAG 3'
	XanSat10-289	5' TCCGACAGGGTGGATTTAAA 3'	5' GGAAATGCGTTGTCCTTATA 3'

XanSat11-51	5' GGAGTGATTCTTAGTGACTG 3'	5' CCTTGCCACCCAGTATCAA 3'
XanSat12-246	5' TCAGTAGTAAGAGAGCAATAA 3'	5' CACATCATCATAAAAAGTGCA 3'
XanSat13-281	5' GATTATGGCCAGTGTCCATA 3'	5' GATTTCACCATAAATAGAGT 3'
XanSat14-128	5' AAAACGTGTTCTCTGCTGTGT 3'	5' CATATTCCTCGTGATGATTTC 3'
XanSat15-228	5' AGCTAGACCACAGTAACTAC 3'	5' TTACGCTCAGTTAGTACCGA 3'
XanSat16-21	5' CGAGTTACGCAAAACGTGG 3'	5' CCCCACGTTTTGCGTAACT 3'
XanSat17-15	5' TAATCTCCGCACTCATAATCT 3'	5' TGAGTGCGGAGATTATGAGT 3'
XanSat18-21	5' TGGAAAAACGTCAATATTTT 3'	5' AAAAATATTGACGTTTTTCC 3'
