

**Table S1 PCR primers**

Primer	Use	Sequence (5' → 3')
JC17	<i>SAT1</i> flipper	GGCCCCCCTCGAGGAAGTT
JC18	<i>SAT1</i> flipper	GCTCTAGAACTAGTGGATCT
JC49	5'NCR of <i>CNA1</i>	ACACATTATGCAACATCAA
JC50	5'NCR of <i>CNA1</i>	<u>AACTTCCTCGAGGGGGGGCCATTGTGCGGTGCCAACCAAGAA</u>
JC51	3'NCR of <i>CNA1</i>	<u>AGATCCACTAGTTCTAGAGCTTTCATCTCAAGAGCAAAA</u>
JC52	3'NCR of <i>CNA1</i>	TTGAACGTTACTGGGGTTGA
JC55	<i>CNA1</i> ORF	AAGACAGACGCAGAGCTGAAT
JC56	<i>CNA1</i> ORF	GACATTCGTTTTTGAAGTGA
JC48	Disruption confirmation	ACAATCAAAGGTGGTCCT
JC81	Disruption confirmation	AACTTCCTCGAGGGGGGGCC
JC122	Disruption confirmation	CACACTTTTATTGTTGTCGCC
JC134	5'NCR of <i>CNB1</i>	ACACCATAAAAAGTCCCAGCG
JC135	5'NCR of <i>CNB1</i>	<u>AACTTCCTCGAGGGGGGGCCCTCCCTTGATTAATACTTCTC</u>
JC136	3'NCR of <i>CNB1</i>	<u>AGATCCACTAGTTCTAGAGCGGCAAGAACTTAACGAGGA</u>
JC137	3'NCR of <i>CNB1</i>	TCAACTTCAACAGAGTAGCTC
JC138	<i>CNB1</i> overlap	CAAACGTTTTGTTGGATGGC
JC139	<i>CNB1</i> overlap	CAACACTTCGGAGAGAGAT
JC140	<i>CNB1</i> ORF	ATGGGAGCTGCACCATCTAAA
JC141	<i>CNB1</i> ORF	TACTGAAGGGTCAGGCTCTTT
JC142	5'NCR of <i>CRZ1</i>	TAAACCCATGGAGTGTGGAA
JC143	5'NCR of <i>CRZ1</i>	<u>AACTTCCTCGAGGGGGGGCCGCTGAATATTGCAAATCTTG</u>
JC144	3'NCR of <i>CRZ1</i>	<u>AGATCCACTAGTTCTAGAGCCACAAACCTCCAGTATTTTT</u>
JC145	3'NCR of <i>CRZ1</i>	TCAAGTCTTAGAGATTCACCA
JC146	<i>CRZ1</i> overlap	TAATGAAAGCAATGCCAA
JC147	<i>CRZ1</i> overlap	GCAACAAATTTCTTGACTGGT
JC148	<i>CRZ1</i> ORF	TGGGCGATAACGAAGAGGATA
JC149	<i>CRZ1</i> ORF	CTCAAGTTATTTGAAGATGCA
JC441	5'NCR of <i>RCN2</i>	CCGTCGGGCTTCTTTAAAT
JC442	5'NCR of <i>RCN2</i>	<u>AACTTCCTCGAGGGGGGGCCCTTGCTGCTATATCTGCGTG</u>
JC443	3'NCR of <i>RCN2</i>	<u>AGATCCACTAGTTCTAGAGCGGGGATTGCTTCTATGAAGCT</u>
JC444	3'NCR of <i>RCN2</i>	AAATTGCTCACGGAGTCACCT
JC445	<i>RCN2</i> overlap	CTCGGGATCATTGCTCAATA
JC446	<i>RCN2</i> overlap	AACGGGTCTAGTCGAGGACTT
JC453	<i>RCN2</i> ORF	AAAGGATCCATGAAGACACAGGTATTGA
JC454	<i>RCN2</i> ORF	AAAGGGCCCCTAGTTAAAGAACTCATCGAC
JC459	5'NCR of <i>RCN1</i>	CGAGTGTATTATTTCGGG
JC460	5'NCR of <i>RCN1</i>	<u>AACTTCCTCGAGGGGGGGCCCTCCGATAAGAATGTTGAGATG</u>
JC461	3'NCR of <i>RCN1</i>	<u>AGATCCACTAGTTCTAGAGCGTACCTATCATGTTGGTTAA</u>
JC462	3'NCR of <i>RCN1</i>	TGTGATCTGCTCGATTTTACC
JC463	<i>RCN1</i> overlap	CCATTAACTATAGACGTTGCT
JC464	<i>RCN1</i> overlap	AACAGCACATAGAAAGATCAA
JC465	<i>RCN1</i> ORF	ACTCACGTCTAATGAAAGGGA
JC466	<i>RCN1</i> ORF	ATTTTGGTGGCAATGCCGTT
JC370	qPCR <i>ACT1</i> ORF	GTACCACCATGTTCCCAGGT
JC371	qPCR <i>ACT1</i> ORF	ACCACCGATCCAGACAGAGT
JC437	qPCR <i>CNA1</i> ORF	ACAGAGCGCTGTTCTGATT
JC438	qPCR <i>CNA1</i> ORF	TGGTTGGGAAGTCTGTTTT
JC439	qPCR <i>CRZ1</i> ORF	GGGCGATAACGAAGAGGATA

JC440	qPCR <i>CRZ1</i> ORF	TACATCGCCATTCATGCTGT
JC431	qPCR <i>YPS5</i> ORF	CAAGATCAGCGATGAACTAACG
JC432	qPCR <i>YPS5</i> ORF	TACTTGCGCTGACAAACCAC
JC435	qPCR <i>RCN2</i> ORF	CAGTACTTACGCCGCTTC
JC436	qPCR <i>RCN2</i> ORF	CGATAACAGGGACTCCGTCA

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Underline indicates sequences complementary to the *SAT1* flipper