

Table S3 : primers used for the construction of the deletion cassettes

Primer name	Primer sequence <sup>a</sup>	Primer use
946_5f	gtaacgccagggtttccagtcacgacggcgccgctggagaggcaggtcc	Amplification of the 5' flanking sequence of <i>DCL1</i>
946_5r	cagcagccgcacgggcgcatctcggaacagtgcggcctgtgttctttcc	Amplification of the 5' flanking sequence of <i>DCL1</i>
946_3f	tccttctttagctagaggatcctctacgccagttcattacatatttcggcac	Amplification of the 3' flanking sequence of <i>DCL1</i>
946_3r	gcgataacaatttcacacaggaaacagcgcgccgctggatcacatgggttatggg	Amplification of the 3' flanking sequence of <i>DCL1</i>
6757_5f	gtaacgccagggtttccagtcacgacggcgccgcaaatgggttgagtgggg	Amplification of the 5' flanking sequence of <i>DCL2</i>
6757_5r	cagcagccgcacgggcgcatctcggaacggcgctgatgaatcgacggtttg	Amplification of the 5' flanking sequence of <i>DCL2</i>
6757_3f	tccttctttagctagaggatcctctacaagagtcaggagacggtccctac	Amplification of the 3' flanking sequence of <i>DCL2</i>
6757_3r	gcgataacaatttcacacaggaaacagcgcgccgcttcccacccggtcccttc	Amplification of the 3' flanking sequence of <i>DCL2</i>
3832_5f	gtaacgccagggtttccagtcacgacggcgccgcacctcagccaac	Amplification of the 5' flanking sequence of <i>QDE2</i>
3832_5r	cagcagccgcacgggcgcatctcggaacttggtgactagtggtagacag	Amplification of the 5' flanking sequence of <i>QDE2</i>
3832_3f	tccttctttagctagaggatcctctactgggcatggagatggaattgaag	Amplification of the 3' flanking sequence of <i>QDE2</i>
3832_3r	gcgataacaatttcacacaggaaacagcgcgccaggcaggacctttacgg	Amplification of the 3' flanking sequence of <i>QDE</i>
8605_5f	gtaacgccagggtttccagtcacgacggcgcccttgagaccattatttgg	Amplification of the 5' flanking sequence of <i>SMS2</i> Incomplete deletion
8605_5r	cagcagccgcacgggcgcatctcggaactggcaggatcgtgtccgagag	Amplification of the 5' flanking sequence of <i>SMS2</i> Incomplete deletion
8605_3f	tccttctttagctagaggatcctctactcttggccgctttgacg	Amplification of the 3' flanking sequence of <i>SMS2</i>
8605_3r	gcgataacaatttcacacaggaaacagcgcgccgcatatctcacctctgagttc	Amplification of the 3' flanking sequence of <i>SMS2</i>
RNA1_5f	gtaacgccagggtttccagtcacgacggcgcccttggtcaaggataggaagtag	Amplification of the 5' flanking sequence of <i>SMS2</i> complete deletion
RNA1_5r	cagcagccgcacgggcgcatctcggaacggagaaggatatgagatggcc	Amplification of the 5' flanking sequence of <i>SMS2</i> complete deletion

<sup>a</sup> : nucleotides corresponding to pRS426 are in red, Ascl site is in green, nucleotides corresponding to the gene of interest are in black, nucleotides corresponding to the hgomycine resistance cassette are in blue.