

Online Resource 2 Oligonucleotide primers used to amplify and Sanger sequence the complete genomes of Maize yellow mosaic virus isolates RSA BR1A and RSA SCM.

Primer name	Primer sequence 5' - 3'	Genome position*	Primer length (nt)	Tm °C
MaYMV_5'_RACE_GSP1	CGAGGAAATCGAATGGAGAT	409-428	20	n/a
MaYMV_5'_RACE_GSP2	GCTATCTCCCGTGATAATGCGCTGTA	366-391	26	n/a
MaYMV_3'_RACE_GSP	CGTCTCTTCAGACGCCAGCTAATTCA	4969-4997	26	n/a
MaYMV_frag_1F	CGCAATTCGGACTGGAGGAAACAT	271-294	24	62
MaYMV_frag_1R	CGTCGGAATTCGTGGTTGTCAAGA	1066-1089	24	62
MaYMV_frag_2F	CTGGTGGTTACGCTTCATGTGTTT	922-945	24	61
MaYMV_frag_2R	GACAAGCAGGTTGCTTTGAGAAGTCT	2163-2188	26	61
MaYMV_frag_3F	GTATGTGACACCCGCTCTGAGA	1850-1871	22	61
MaYMV_frag_3R	GATTTCTGAACTCCAGCCACTCTCT	2880-2904	25	61
MaYMV_frag_4F	CGGAATGGATGCTTCAAGACGATAT	2736-2760	25	59
MaYMV_frag_4R	GCAAGGGATGAGAGCTTGTGT	3880-3901	22	60
MaYMV_frag_5F	CGGGCCGTCTTTATCAGAGTGT	3734-3755	22	62
MaYMV_frag_5R	CACGCAACGACTTTCGCTGAA	5018-5038	21	61

*Primer position on the MaYMV RSA BR1a genome sequence