

Table S1. Primers and PCR conditions used for the amplification of the blackcurrant virus A genome.

Primer sequences	Position in the genome	PCR product size (bp)	PCR conditions
(+) 5'-TGAGACACAAGAACATGCTGTTGA-3' (-) 5'-TTCCACCCCTACTCTCTTGCCT-3'	nt 5,539-5,563 nt 6,495-6,517	979	Initial denaturation at 94°C for 2 min followed by 40 cycles of 94°C-20 s, 54°C-20 s and 72°C-1 min followed by 5 min final extension at 72°C.
(+) 5'-TCTGAAGGGTCTGCGTGACAGCTT-3' (-) 5'-TTCCACCCCTACTCTCTTGCCT-3'	nt 5,570-5,593 nt 6,495-6,517	948	
(+) 5'-TTGAAGGAAGTGATCAACAGCTA-3' (-) 5'-TTGAGTTTAGAGACATCCGCCAT-3'	nt 5,415-5,437 nt- 6,073-6,095	681	Initial denaturation at 94°C for 2 min followed by 40 cycles of 94°C-20 s, 52°C-20 s and 72°C-45 s.
(+) 5'-AACTAGTGATCGTTTCAGCAAAGGT-3' (-) 5'-AATTGATACATCCGAAGAACTT-3'	nt 5,982-6,006 nt 6,595-6,617	636	
*(+) 5'-GCTGATGGCGATGAATGAACACTG-3' (-) 5'-AACTGGCCATATCAAAAACCGTT-3'	nt 560-582	627	Initial denaturation at 94°C for 2 min followed by 40 cycles of 94°C-20 s, 64°C-20 s and 72°C-1 min.
*(+) 5'-GCTGATGGCGATGAATGAACACTG-3' (-) 5'-TAGAAGTTCTCAGGAGAGACAGA-3'	nt 678-700	745	Initial denaturation at 94°C for 2 min followed by 40 cycles of 94°C-20 s, 58°C-20 s and 72°C-1 min.
**PCR(-) 5'-GGCCACGCGTCGACTAGTAC(T18)-3' (+) 5'-TGAGACACAAGAACATGCTGTTGA-3'	nt 5,539-5,563	1606	Initial denaturation at 94°C for 2 min followed by 40 cycles of 94°C-20 s, 51-58°C-20 s and 72°C-2 min 30 s followed by 5 min final extension at 72°C.
**PCR(-) 5'-GGCCACGCGTCGACTAGTAC(T18)-3' (+) 5'-TCTGAAGGGTCTGCGTGACAGCTT-3'	nt 5,570-5,593	1575	
**PCR(-) 5'-GGCCACGCGTCGACTAGTAC(T18)-3' (+) 5'-TGAAAGGCAAGTTGATGCTACA-3'	nt 6,315-6,336	830	
BCVART(-)5'-TTGAGGTCTTGAACATTATTGGCCTTA-3' BCVART(-)5'-ATCTCACTATGTACCCCATCCGGTGA-3' **RT(-) 5'-CTACTACTACTAGGCCACGCGTCGACTAGTAC(T18)-3'	nt 860-885 nt 801-826		

* -RLM 5' RACE outer primer, **PCR- oligo(dt) primer for 3'RACE PCR, **RT- oligo(dt) primer for reverse transcription for 3'RACE, BCVART- BCVA specific primers for reverse transcription for 5'RACE, (+)- forward primer, (-)- reverse primer.