

Supplementary Table S1. Universal degenerate primers and species-specific primers to a range of viruses and virus groups that were tested in this study on cannabis leaf tissues.

357-358	Tob-Uni 1	ATTTAAGTGGASGGAAA AVCACT	10 min @ 95°C	60s @ 95°C 60s @ 50°C 60s @ 72°C
	Tob-Uni 2	GTYGTTGAGTTCATGGA		
722-723	Nepo univ A-F Nepo univ A-R	ACDTCWGARGGITAYCC	10 min @ 95°C	60s @ 94°C 60s @ 50°C 60s @ 72°C
		RATDCCYACYTGRCWIG GCA		
891-892	TuRSV RNA1 Sp1F	TCGCAGGCTAGAAGAGT	10 min @ 95°C	60s @ 95°C 60s @ 50°C 60s @ 72°C
	TurSV RNA1 Sp2R	GGCCCTAAGTGTTCTCTG		
783-784	Ilar1F5	GCNCGWTGYGGDAARW CNAC	10 min @ 95°C	30s @ 94°C 30s @ 48°C 30s @ 72°C for 40 cycles
	Ilar1R7	AMDGGWAYYTGYTYNG TRTCACC		
749- 750	Cuc CPTALL-5 F	YASYTTTDRGGTTCAATT CC	10 min @ 95°C	60s @ 94°C 60s @ 48°C 60s @ 72°C for 40 cycles
	Cuc CPTALL-3 R	GACTGACCATTTTAGCC G		
770-771-772	TobN-Univ-up3	GGCGYTGCARACIATHG TITAYCA	10 min @ 95°C	20s @ 94°C 15s @ 51°C 5s @72°C for 2 cycles 20s @ 94°C 15s @ 61°C 5s @72°C for 26 cycles
	TobN-Univ-do4	GTRTTICCIATRAAIGTIG TIACRTC		
	TobN-Univ-do4G	GCCGATRAAGGTGGTGA CRTC		
846-847	AMV- F AMV-coat-R	GTGGTGGGAAAGCTGGT AAA	10 min @ 95°C	45s @ 94°C 45s @ 50°C 45s @ 72°C for 35 cycles
		CACCCAGTGGAGGTCAG CATT		
628-629	Potyvirus univ – Nib2F	GTITGYGTIGAYGAYTTY AAYAA	10 min @ 95°C	45s @ 94°C 45s @ 52°C 45s @ 72°C for 36 cycles
	Potyvirus univ – Nib3R	TCIACIACIGTIGAIGGYT GNCC		

Supplementary Table S2. Quality characteristics of RNA isolated from seven genotypes of cannabis.

Sample ID	ng / μL	260/280	260/230
PDH	199.23	1.98	1.55
PD	184.92	2.07	1.91
Mac-1	82.07	2.10	2.20
PK	232.67	2.09	1.98
BC	115.54	2.07	1.02
CBD	77.42	2.14	2.15
G54-2	253.73	2.08	2.23