**Supplementary Table 1**. 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 | ATTTAAGTGGASGGAAAAVCACT | 10 min @ 95°C  |  60s @ 95°C60s @ 50°C60s @ 72°C  |
| Tob-Uni 2 | GTYGTTGAGTTCATGGA |
| 722-723 | Nepo univ A-F Nepo univ A-R | ACDTCWGARGGITAYCC | 10 min @ 95°C  | 60s @ 94°C60s @ 50°C60s @ 72°C |
| RATDCCYACYTGRCWIGGCA |
| 891-892 | TuRSV RNA1 Sp1F | TCGCAGGCTAGAAGAGT | 10 min @ 95°C  | 60s @ 95°C60s @ 50°C60s @ 72°C |
| TurSV RNA1 Sp2R | GGCCCTAAGTGTTCCTG |
| 783-784 | Ilar1F5 Ilar1R7  | GCNGGWTGYGGDAARWCNAC | 10 min @ 95°C  | 30s @ 94°C30s @ 48°C30s @ 72°Cfor 40 cycles |
| AMDGGWAYYTGYTYNGTRTCACC |
| 749- 750 | Cuc CPTALL-5 F | YASYTTTDRGGTTCAATTCC | 10 min @ 95°C  | 60s @ 94°C60s @ 48°C60s @ 72°Cfor 40 cycles |
| Cuc CPTALL-3 R | GACTGACCATTTTAGCCG |
| 770-771-772 | TobN-Univ-up3  | GGCGYTGCARACIATHGTITAYCA | 10 min @ 95°C  | 20s @ 94°C15s @ 51°C5s @72°Cfor 2 cycles20s @ 94°C15s @ 61°C5s @72°Cfor 26 cycles  |
| TobN-Univ-do4 | GTRTTICCIATRAAIGTIGTIACRTC |
| TobN-Univ-do4G | GCCGATRAAGGTGGTGACRTC |
| 846-847 | AMV- F AMV-coat-R | GTGGTGGGAAAGCTGGTAAA | 10 min @ 95°C  | 45s @ 94°C45s @ 50°C45s @ 72°Cfor 35 cycles |
| CACCCAGTGGAGGTCAGCATT |
| 628-629 | Potyvirus univ – Nib2F | GTITGYGTIGAYGAYTTYAAYAA | 10 min @ 95°C  | 45s @ 94°C45s @ 52°C45s @ 72°Cfor 36 cycles |
| Potyvirus univ – Nib3R | TCIACIACIGTIGAIGGYTGNCC |

**Supplementary Table 2**. 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 |
|  |  |  |  |