

Supplementary Table S1: Primers used for virus detection in honey bee colonies.

Viruses	Primers (5'-3')	Size	Reference
Acute bee paralysis virus	5'- accgacaaagggtatgatgc-3' 5'- cttgagtttgcggtgttct-3'	123 bp	This study
Black queen cell virus	5'-ggagatgtatgcgctttatcgag-3' 5'-caccaaccgcataatagcgattg-3'	316 bp	Topley et al. "Detection of three honey bee viruses simultaneously by a single mutlplex reverse transcriptase PCR" African J. of Biotechnolgy. 4(7): 763-767. 2005).
Chronic bee paralysis virus	5'-agttgtcatggtaacaggatacgag-3' 5'-tctaattcttagcacgaaagccgag-3'	455 bp	Ribiere et al. 2002. Molecular diagnosis of chronic bee paralysis virus infection. Apidologie 33: 339-351
Deformed wing virus	5'- cgaaccaacttctgaggaa -3 5'- gtggtgatccctgaggctta -3'	174 bp	This study
Kashmir bee virus	5'- gatgaacgtcgacctattga-3' 5'-tgtgggttggtatgagtca-3'	417 bp	Stoltz et al. 1995. Molecular diagnosis of Kashmir bee virus infection. J. Apic. Res. 34: 153-160.
Israeli acute paralysis virus	5' –ctacaaggcgaatcacgct -3' 5' –ttgcccactctacctaga- 3'	191 bp	This study
Sacbrood virus	5'-cggttgattggataatcagt-3' 5'-ctggactacttctcggttgctg-3'	176 bp	This study