

Table S2. Primers used for PCR amplification

Target DNA	Primer	Sequence(5'-3')	Reference
<i>Apicystis bombi</i>	NeoF	CCAGCATGGAATAACATGTAAGG	<i>Meeus et al.</i> ,2010
	NeoR	GACAGCTTCCAATCTCTAGTCG	
<i>Nosema bombi</i>	Nbombi-SSU-Jf1	CCATGCATGTTTTGAAGATTATTAT	<i>Klee et al.</i> ,2006
	Nbombi-SSU-Jr1	CATATATTTTAAAAATATGAAACAATAA	
<i>Crithidia bombi</i>	CB-Cytb2-F	GT(A/T)TT(G/A)TTTTT(G/A)TG(G/A)GATT TTG	<i>Schmid-Hempel et al.</i> ,2010
	CB-Cytb2-B	CATAAACG(T/C)TCACAATAAAATGC	
<i>Locustacarus buchneri</i>	Lb64F	GGGAAGGTACAGGAAGTGGATGAACT	<i>Arismendi et al.</i> ,2016
	Lb417R	GAATGTAGACCTCTGGGTGTCCGAA	
<i>Nosema apis</i>	N. apis F	CCATTGCCGGATAAGAGAGT	<i>Chen et al.</i> ,2008
	N. apis R	CACGCATTGCTGCATCATTGAC	
<i>Nosema ceranae</i>	N. ceranae F	CGGATAAAAGAGTCCGTTACC	<i>Chen et al.</i> ,2008
	N. ceranae R	TGAGCAGGGTTCTAGGGAT	
<i>Black queen cell virus</i>	BQCV1	TGGTCAGCTCCCACTACCTTAAAC	<i>Benjeddou et al.</i> ,2001
	BQCV2	GCAACAAGAAGAAACGTAAACCAC	
<i>Deformed wing virus</i>	DWV-T3-fwd	GTCGTGCAGCTCGATAGGAT	<i>Tentcheva et al.</i> ,2004
	DWV-T3-rev	TTTGCAAGATGCTGTATGTGG	
<i>Acute bee paralysis virus</i>	ABPVYZF	GAGATGACTGGGGAGGAGTGATA	This study
	ABPVYZR	GTCCTGAAAGTAAAGGCTTAGGTTC	
<i>Israeli acute paralysis virus</i>	IAPVF	AGACACCAATCACGGACCTCAC	<i>Hou et al.</i> ,2014
	IAPVR	AGATTTGTCTGTCTCCCAGTGCACAT	
<i>Chronic bee paralysis virus</i>	CBPV1-1	TCAGACACCGAATCTGATTATTG	<i>Blanchard et al.</i> ,2008
	CBPV1-2	ACTACTAGAACTCGTCGCTTCG	
<i>Sacbrood virus</i>	SBV-qF3164	TTGGAACTACGCATTCTCTG	<i>Locke et al.</i> ,2012
	SBV-qB3461	GCTCTAACCTCGCATCAAC	

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