

**Specific Cues Associated With Honey Bee Social Defence against *Varroa destructor*  
Infested Brood**

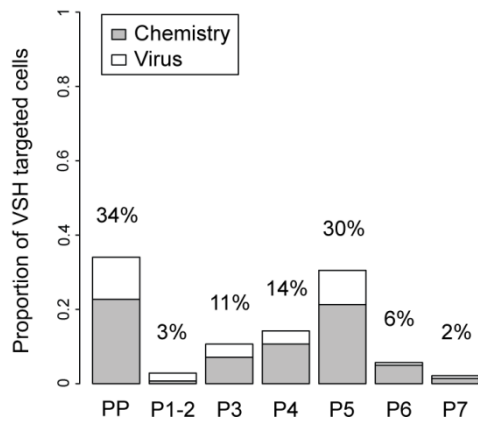
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## Supporting information



**Figure S1. Frequency plot of the different stages of VSH-targeted developing bees.**

PP, pre-pupae; P, pupae. Pupae were classified in different stages according to morphological characteristics.

**Table S1. Pair-wise squared Mahalanobis distances between the BEP profile of non-infested (NI), non-targeted (NT) and VSH-targeted (TA) brood**

	NI	NT
	D = 0.606	
NT	$F_{7,55} = 0.917$	
	P = 0.5	
	D = 2.661	D = 2.461
TA	$F_{7,55} = 3.351$	$F_{7,55} = 3.154$
	<b>P = 0.0048</b>	<b>P = 0.0071</b>

P-values that are significant at the 5% probability after Bonferroni's correction are indicated in bold (P = 0.015).

**Table S2. Primer sequences and performance indicators of the RT-qPCR assays run for the different honey bee viruses**

Target	Primers	Sequence (5' – 3')	Size (bp)	E	r <sup>2</sup>	Tm (°C)
DWV	DWV-F8688	GGTAAGCGATGGTTGTTTG	143	2.014	0.982	79.5
	DWV-B8794	CCGTGAATATAGTGTGAGG				
KBV	KBV-F6639	CCATACCTGCTGATAACC	200	1.870	0.995	82.5
	KIABPV-B6707	CTGAATAATACTGTGCGTATC				
SBV	SBV-qF3164	TTGGAACTACGCATTCTCTG	335	1.884	0.995	81.6
	SBV-qB3461	CTCTAACCTCGCATCAAC				
RNA250 (Ambion)	RNA250-F	TGGTGCCTGGGCGGTAAAG	227	2.018	0.995	86.7
	RNA250-R	TGCGGGGACTCACTGGCTG				