

Table S4: The distribution of honey bee viruses in single or mixed infections in drone semen samples.

Detected viral pathogens	Number of positive samples (%)
DWV	10 (25.6)
<i>AmFV</i>	3 (7.7)
DWV + <i>AmFV</i>	13 (33.3)
DWV + ABPV + <i>AmFV</i>	6 (15.4)
DWV + BQCV + <i>AmFV</i>	5 (12.8)
DWV + ABPV + BQCV + <i>AmFV</i>	1 (2.6)
DWV + ABPV + SBV + <i>AmFV</i>	1 (2.6)
Total positive samples	39 (90.7)