



Figure S2. Replication of the GFP-tagged DWV in honey bee pupae analyzed using one-way ANOVA followed by Tukey post-hoc test. Average copy numbers of DWV and GFP RNA per pupa revealed by RT-qPCR are shown as the light grey and green graphs, respectively, the error bars show \pm standard deviation (SD), black dots show DWV RNA or GFP RNA copy numbers in individual pupae. Treatments are shown below the graphs; Inocula: PBS - phosphate buffered saline; suffix -TR, *in vitro* RNA transcript; suffix -Ext, filtered extract from the pupae infected with the corresponding *in vitro* RNA transcript. Red letters above the bars indicate significantly and non-significantly different groups ($P < 0.01$). Blue bars – statistical significance of the DWV and GFP copy numbers within the same group NS - non significant, $P > 0.05$). Statistical analyses of viral data, log-transformed copy numbers of DWV and GFP RNA per pupa, were conducted by one-way ANOVA followed by Tukey post-hoc test to identify differences between the groups ($p < 0.05$).