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Supplementary information for

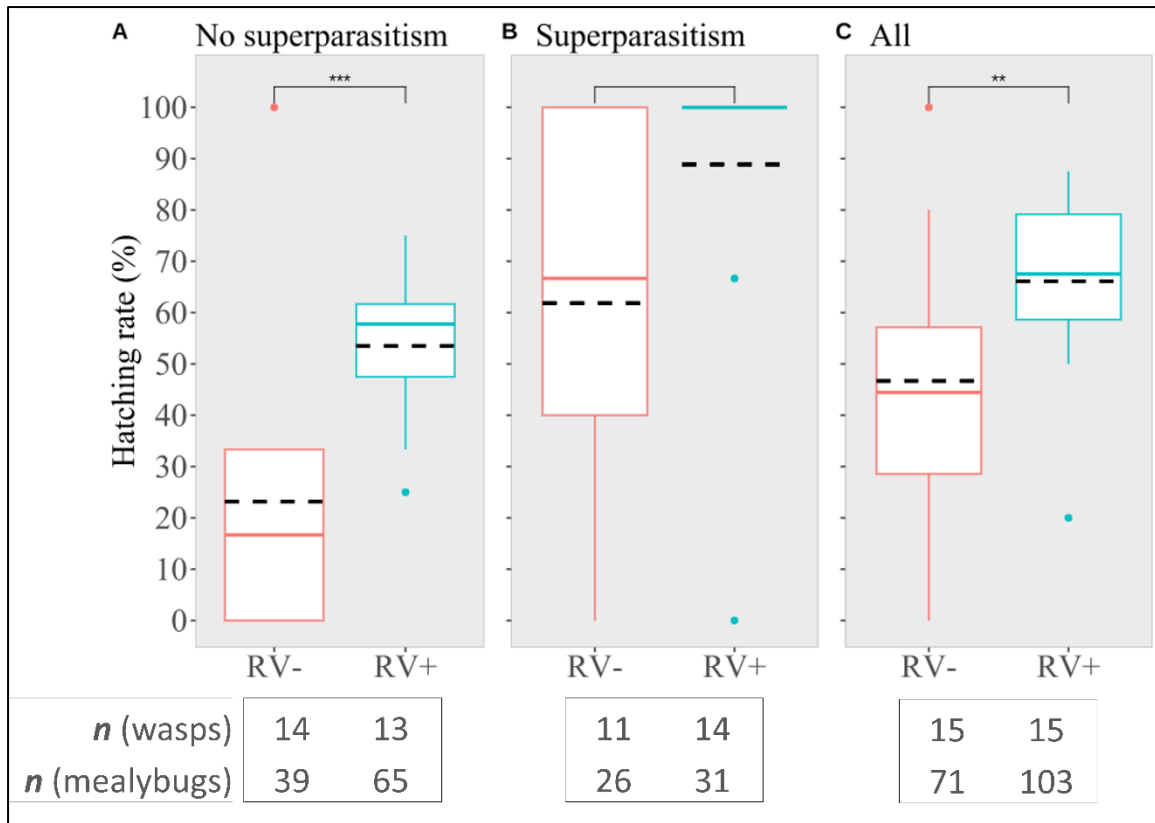
**A Vertically and Horizontally Transmitted RNA Virus Facilitates Egg  
Hatching of a Parasitoid Wasp**

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12 **Fig. S1. Egg hatching rate of RV<sup>-</sup> and RV<sup>+</sup> *Anagyrus vladimiri*. 1<sup>st</sup> experiment (smaller number of**  
 13 **replicates). A) no superparasitism: only mealybugs with one *A. vladimiri* egg or larva are counted; B)**  
 14 **with superparasitism: only mealybugs with more than one *A. vladimiri* egg or larva(e) are counted; C)**  
 15 **total replicates of parasitized mealybugs counted.**

16 **Table S1. Superparasitism behavior compared between the RV<sup>-</sup> and RV<sup>+</sup> lines of *Anagyrus***  
 17 ***vladimiri*, which were allowed to oviposit in 15 mealybugs for 48 hours.** Results obtained in two  
 18 independent experiments. Values are given as mean±standard error.

Experiment 1			
<i>Parameter/Line</i>	<b>RV<sup>+</sup></b>	<b>RV<sup>-</sup></b>	<b>P-value</b>
<i>n</i>	19	15	
<i>Eggs per wasp</i>	7.42±1.1	7.4±1.3	0.99
<i>Number of parasitized mealybugs</i>	5.58±0.8	4.73±0.6	0.4
<i>Percent of parasitized mealybugs</i>	43.22±5.3	35.09±4.2	0.24
<i>Number of eggs per parasitized host</i>	1.32±0.06	1.44±0.1	0.31
Experiment 2			
<i>Parameter/Line</i>	<b>RV<sup>+</sup></b>	<b>RV<sup>-</sup></b>	<b>P-value</b>
<i>n</i>	31	29	
<i>Eggs per wasp</i>	20.6±1.19	23.1±1.2	0.14
<i>Number of parasitized mealybugs</i>	11.1±2.5	11.5±2.0	0.48
<i>Percent of parasitized mealybugs</i>	79.9±2.8	83.1±2.0	0.90
<i>Number of eggs per parasitized host</i>	1.8±0.36	2.0±0.36	0.08

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