



**Fig. S1** Protein (a), lipid (b), free sugar (c) and glycogen (d) contents of aphids without facultative endosymbiont (“None”, black), infected by *H. defensa* (“Hd+”, red) and infected by *R. insecticola* (“Ri+”, blue). The lower and upper edges of the boxplots represent 25% and 75% quantiles; the intermediate lines are the median; and the whiskers indicate the smallest and largest non-outlier observations. Asterisks and “ns” indicate significant (\*:  $p < 0.05$ ; \*\*:  $p < 0.01$ ; \*\*\*:  $p < 0.001$ ) and non-significant ( $p > 0.05$ ) differences according to aphid’s symbiotic status.