

Additional file 6: Figure S4. Heat map depicting the expression profiles of crosstalks genes relevant to the KEGG pathways significantly enriched before and after parasitism in *H. avenae*. The first box of each row marks the enrichment of crosstalk at either pre-parasitic stages (purple) or post-parasitic stages (green). Each red box denotes a single gene with higher expression at pre-parasitic stages; each blue box denotes a single gene with higher expression at post-parasitic stages. The darkness of the color is positively correlated with the absolute value of fold change, which is calculated as $\log_2(\text{pre-parasitic RPKM}/\text{post-parasitic RPKM})$ with DEGseq.

