Transcriptominc divergence of a parasite-populations: two common garden experients in two hosts

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Abstract

Background:

Results:

Conclusions: Yeh!

Background
Results

The populations differ

The gene expression does too

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null device
          1
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Discussion

Conclusions

Methods

General coding methods

The bulk of analysis (unless otherwise cited) presented in this paper was carried out in R [1] using custom scripts. We used a method provided in the R-packages Sweave [2] and Weaver [3] for "reproducible research" combining R and TEXcode in a single file. All intermediate data files needed to compile the present manuscript from data-sources are provided upon request. For visualistaion we used the R-packages lattice [4] and ggplot2 [5].

Competing interests

The authors declare no competing interests.

Authors contributions

Acknowledgments

The work of EGH is funded by Volkswagen Foundation, "Förderinitiative Evolutionsbiologie".

References

1. R Development Core Team: *R: A language and environment for statistical computing*. R Foundation for Statistical Computing, Vienna, Austria 2009, [http://www.R-project.org].
2. Leisch F: **Sweave: Dynamic Generation of Statistical Reports Using Literate Data Analysis**. In *Compstat 2002 — Proceedings in Computational Statistics*. Edited by Härdle W, Rönz B, Physica Verlag, Heidelberg 2002:575–580, [http://www.stat.uni-muenchen.de/~leisch/Sweave]. [ISBN 3-7908-1517-9].
3. Falcon S: **Caching code chunks in dynamic documents**. *Computational Statistics* 2009, **24**(2):255–261, [http://www.springerlink.com/content/55411257n1473414].
4. Sarkar D: *Lattice: Multivariate Data Visualization with R*. New York: Springer 2008, [http://lmdvr.r-forge.r-project.org]. [ISBN 978-0-387-75968-5].
5. Wickham H: *ggplot2: elegant graphics for data analysis*. Springer New York 2009, [http://had.co.nz/ggplot2/book].

Figures

Tables

Table 1 -

Table 7 -

Additional Files