

Reviewer Report

Title: Transcriptome Analysis of the Response of Burmese Python to Digestion

Version: Revision 1 **Date:** 4/15/2017

Reviewer name: Mark Margres

Reviewer Comments to Author:

I have attached an annotated draft of the manuscript with comments. Major comments are as follows:

1. The quality of writing still needs to be improved. I have highlighted some (but by no means all) grammatical mistakes in the annotated draft.
2. The authors repeatedly reference "specific" hypotheses but never state what these hypotheses are.
3. Figures and tables are cited but rarely discussed. The authors should discuss in the text the major findings and not rely solely on figures.
4. The comparison to previous work is crude and vague. I would like to see some sort of quantitative comparison to previous work. The largest flaw of the current manuscript is this lack of quantitative comparisons. Specific quantitative work, especially for the transcriptome-proteome and proteome-proteome comparisons, needs to be added.
5. The raw proteomics data are not made available.

Methods

Are the methods appropriate to the aims of the study, are they well described, and are necessary controls included? Yes

Conclusions

Are the conclusions adequately supported by the data shown? Yes

Reporting Standards

Does the manuscript adhere to the journal's guidelines on [minimum standards of reporting?](#) YesChoose an item.

Statistics

Are you able to assess all statistics in the manuscript, including the appropriateness of statistical tests used? Yes, and I have assessed the statistics in my report.

Quality of Written English

Please indicate the quality of language in the manuscript: Needs some language corrections before being published

Declaration of Competing Interests

Please complete a declaration of competing interests, considering the following questions:

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Yes