

## Reviewer Report

### Title: Whole-Genome De Novo Sequencing Reveals Unique Genes that Contributed to the Adaptive Evolution of the Mikado Pheasant

Version: Revision 1 Date: 3/13/2018

Reviewer name: LÉL EÖRY

#### Reviewer Comments to Author:

In their response to the reviewers' comments the authors clarified all the major and minor issues raised with their manuscript.

I appreciate the effort taken to compare the MCH-B region between the the Mikado pheasant and the gal5 assembly and the results which validate the conclusions made in the MS.

I consider the changes made by the authors to be appropriate and I suggest the publication of the paper in its revised form.

#### 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?](#) Yes

Choose 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: Acceptable

#### Declaration of Competing Interests

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

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