Reviewer Report

Title: Metabolomics Investigation of Dietary Effects on Flesh Quality in Grass Carp (Ctenopharyngodon idellus)

Version: Original Submission Date: 6/21/2018

Reviewer name: Serap Saglik Aslan

Reviewer Comments to Author:

*In the Abstract, the sentence that "DHA was only found in the male samples" is not impossible. Because DHA (Docosahexaenoic acid) is found in the fish tissues certainly. So If you can evidence this matter with a literature It may be acceptable. Otherwise There is a big mistake in the experimental of the study.
*In the Materials and Methods, the title of "Experimental Design" must be changed as "Experimental part". Because experimental design has a different meaning. You can check in the literature.
*In Table 5, The total percentages are 125.9 for natural grass and 73.6 for artificial feed. 125.9 is impossible. Because; % moisture+%crude protein+%crude fat+ %crude fiber+%ash+%carbohydrate=100 in the proximate analysis. So it must be corrected.

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