|  |  |
| --- | --- |
| Name: | [**UTTAR PRADESH JOURNAL OF ZOOLOGY**](http://www.mbimph.com/journal/1) |
| Manuscript Number: | **Ms\_UPJOZ\_4672** |
| Title of the Manuscript: | **“Seasonal Variations in Actin-beta 2 Gene Expression in Labeo rohita from the Kolar Reservoir, Bhopal District, Madhya Pradesh"** |
| Type of the Article | **Reserch** |

|  |  |  |
| --- | --- | --- |
| **PART 1: Comments** | | |
|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **Present research work highlights the importance of beta actin gene expression in muscle tissue of *L. rohita* at different season. It would help to know the adaptive mechanism or changes in muscle tissue at varying environment. Eventually on the basis of the findings, message could be given to the fraternity (particularly fisherman) of this field for growth and culture practice of this important fish species.** | Noted |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **“Seasonal Variations of Actin –beta 2 gene expression in muscle tissue of *Labeo rohita* from the Kolar Reservoir, Bhopal District, Madhya Pradesh, India”** | Title revised |
| **Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.** | **Tukey’s…….summer. This sentence could be written as Tukey’s Multiple Comparison Test indicated significant expression differences between winter and monsoon, as well as between monsoon and summer, but not between winter and summer.**  **In Key words: Myogenesis can be added.** | Corrected  Added |
| **Is the manuscript scientifically, correct? Please write here.** | Upto some extend it is correct, because of its single parameter. It would have been more worthy if more than one parameter should have considered (Which are more closely associated with myogenesis) for muscle growth and development. | Checked and revised |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | There are so many mistakes in reference section.   1. Make it clear about Meng et al (2010) or Mang and Feldman (2010) 2. Wang et al (2010) mentioned in the text but not in the reference part. 3. Writing format for reference should be same as per the Journals format. 4. Please consider the scientific name | Revised  Corrected |
| **Is the language/English quality of the article suitable for scholarly communications?** | Suitable but can be improved. | Done |
| **Optional/General** comments |  |  |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |