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| Journal Name:  | [**Journal of Advances in Biology & Biotechnology**](https://journaljabb.com/index.php/JABB)  |
| Manuscript Number:  | **Ms\_JABB\_131906**  |
| Title of the Manuscript:  | **Genetic Purity Assessment of Maize Hybrid (Zea mays L.) and its Parental Lines Employing SSR Markers**  |
| Type of the Article  | **Research Article**  |

**PART 1: Comments**

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|  | **Reviewer’s comment**

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| **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.**  |  The presentation of bibliographic sources in the References chapter requires revision to be in accordance with the General Guideline for Authors, Journal of Advances in Biology & Biotechnology.  |   |
| **Is the title of the article suitable?** **(If not please suggest an alternative title)**  |  The title of the article is appropriate, in relation to the topic addressed  |   |
| **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.**  |   The article Abstract is comprehensive and the keywords are representative of the article topic  |   |
| **Is the manuscript scientifically, correct? Please write here.**  |  The article has an adequate scientific structure.  |   |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  |  The bibliographical references could be supplemented by more extensive documentation.  |   |
| **Is the language/English quality of the article suitable for scholarly communications?**   |  The English language and the quality of the article are suitable for academic communications, and the article is accessible to readers.   |   |
| **Optional/General** comments   | 1. The Results and Discussion chapter could be presented more consistently. 2. Figures 1 - 3 are recommended to be included in the Results and Discussion chapter and not in the Conclusions chapter (as is evident from the position of the figures on the page). 3. The bibliographical references could be supplemented by more extensive documentation. 4. The presentation of bibliographic sources in the References chapter requires revision to be in accordance with the General Guideline for Authors, Journal of Advances in Biology & Biotechnology.The subject of the study is interesting and topical, with high scientific and practical importance. The introduction is presented correctly, in accordance with the subject. Methodology of the study was clearly presented, and appropriate to the proposed objectives. The obtained results are important and have been analyzed and interpreted correctly, in accordance with the current methodology. The discussions are appropriate, in the context of the results, and was conducted compared to other studies in the field. However, the Results and Discussion chapter could be presented more consistently. The scientific literature, to which the reporting was made, is recent and representative in the field. The bibliographical references could be supplemented by more extensive documentation.  I appreciate that the article can be accepted for publication after minor corrections.  |   |

**PART 2:**

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|   | **Reviewer’s comment**  | **Author’s comment** *(if agreed with the 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 detail)*   |      |

**Reviewer Details:**

**Florin Sala, University of Life Sciences “King Mihai I” From Timisoara, Romania**