

Journal Name:	<a href="#">Asian Journal of Current Research</a>
Manuscript Number:	<b>Ms_AJOCR_12743</b>
Title of the Manuscript:	<b>Genetic diversity of rice (<i>Oryza sativa</i> (L.) genotypes under aerobic condition</b>
Type of the Article	

**General guidelines for the Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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**PART 1: Comments**

	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>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.</b>	This paper provides valuable insights into the genetic diversity of rice genotypes under aerobic conditions, a significant area of study given the increasing challenges of climate change and the need for sustainable agricultural practices. The results have practical applications in breeding programs, particularly for developing high-yielding varieties suitable for marginal lands. This study is relevant to global food security and is in line with current research trends in plant adaptation and resilience.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	This title is appropriate because it reflects the research focus on genetic diversity and aerobic conditions	
<b>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.</b>	The abstract is comprehensive but would have been better served by emphasizing the practical implications of genetic diversity analysis, such as its role in breeding drought-tolerant or high-yielding varieties. Adding specific examples of genotypes identified as promising parents would have further enhanced clarity.	
<b>Is the manuscript scientifically, correct? Please write here.</b>	This manuscript is scientifically sound and includes appropriate methods (D <sup>2</sup> analysis) for the study of genetic divergence. Statistical analysis and clustering provide a strong basis for the conclusions	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	The references are recent and relevant, but inclusion of more recent studies (2023–2024) focusing on aerobic rice or related genetic studies would enhance the discussion section. Examples: Research on aerobic rice genotypes in other regions. Advances in genetic tools for rice breeding.	

<p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The language is generally clear and suitable for scholarly communication. Grammatical editing and sentence restructuring in some places can improve readability and flow. For example, in the introduction, summarizing repetitive sentences would make the narrative more concise.</p>	
<p><b>Optional/General</b> comments</p>	<p>Tables and figures are informative but could be better formatted for clarity. Ensure consistent formatting in Table 3 for intra- and inter-cluster distances. Including a visual summary of key results (e.g., a diagram showing cluster relationships) can enhance the impact of the manuscript. Discuss limitations of the study, such as environmental factors not accounted for in the analysis, and suggest areas for future research. This commentary aims to further improve the manuscript while maintaining its strong scientific foundation.</p>	

**PART 2:**

	<p><b>Reviewer's comment</b></p>	<p><b>Author's comment</b> (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)</p>
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

**Reviewer Details:**

<p>Name:</p>	<p><b>Sakka Samudin</b></p>
<p>Department, University &amp; Country</p>	<p><b>Tadulako University, Indonesian</b></p>