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| Journal Name: | [**Journal of Advances in Biology & Biotechnology**](https://journaljabb.com/index.php/JABB) |
| Manuscript Number: | **Ms\_JABB\_133754** |
| Title of the Manuscript: | **Introgression of Blast Resistant Gene in Rice through Marker Assisted Breeding in Terai Region of West Bengal** |
| Type of the Article | **Research Article** |

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| 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.** | **The manuscript is important in view of the modern breeding approaches and climate resilience agriculture. The Marker Assisted Breeding is modern and fast approach. The manuscript describes research work based on one of the most important disease i.e. blast of rice. Efforts have been made towards the improvement of a very promising rice variety Gontra Bidhan 1.** | NA |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes it is suitable** | NA |
| 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. | **Yes it looks appropriate and comprehensive** | NA |
| Is the manuscript scientifically, correct? Please write here. | Grammatical mistakes are there. It should be correct. | Corrected as per suggestion. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | References are sufficient but not mentioned adequately in discussion part. | Corrected as per suggestion. |
| Is the language/English quality of the article suitable for scholarly communications? | Yes | NA |
| Optional/General comments | **Results and discussion part should be well described.**  **Molecular data should be compared with the phenotypic data. Comparative phenotypic data of parental genotypes should also be given.** | Results and discussion part described as per suggestion.  Phenotypic screening has not done yet.  Comparative phenotypic data of parental genotypes was described in material and methods>Plant materials. |

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| **PART 2:** | | |
| Result and discussion | 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)*  NA |  |