

## REVIEWER'S REPORT

Manuscript No.: IJAR-53145

Date: 08.08.2025

**Title: Association of GLTSCR1, ERCC4, NBN, and XRCC1 Polymorphisms with Glioma and Meningioma Risk in a tertiary care hospital**

### Recommendation:

Accept as it is

**Accept after minor revision**

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality			✓	
chn. Quality			✓	
Clarity			✓	
Significance			✓	

Reviewer Name: Dr. Divyaparavthy J

### Reviewer's Comment for Publication.

The manuscript presents a relevant investigation into the association of DNA repair gene polymorphisms with glioma and meningioma risk in Indian population. The topic is timely and addresses a gap in regional genetic susceptibility data. However, the manuscript requires revisions for clarity, removal of duplicated content and statistical details.

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### *Detailed Reviewer's Report*

1. Add abstract with key words.
2. The introduction has a comprehensive explanation of tumor types, like glioma and meningioma. Some paragraphs are dense; consider breaking into shorter paragraphs.
3. The methodology clearly defines patient population, inclusion/exclusion criteria, and lab methods.  
Even ethical approval and consent is mentioned which is a good factor.
4. Specify the statistical tests and applications used.
5. Add detail on how odds ratios and p-values were calculated. No confidence intervals (CI) are reported with ORs.
6. It would be of more clarity to the readers if results are separated into sections as **glioma** and **meningioma**.
7. Discussion part has repetitive comparison. Duplicated content has to be removed.
8. There is no mention regarding limitations and clinical implications.
9. A conclusion paragraph pointing out specific takeaways and future suggestion is recommended.