|  |  |
| --- | --- |
|  | |
| Book Name: | **Repetitive DNA and Its Roles in Diverse Facets of Biology** |
| Manuscript Number: | **Ms\_BPR\_5976** |
| Title of the Manuscript: | **Repetitive DNA and Its Roles in Diverse Facets of Biology** |
| Type of the Article | **Complete Book** |

|  |  |  |
| --- | --- | --- |
| 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 textbook Repetitive DNA and Its Roles in Diverse Facets of Biology provides a comprehensive overview of the functional significance of repetitive DNA elements across various biological systems. It highlights the regulatory roles of repetitive sequences in gene expression, genome stability, and evolution. The book effectively bridges molecular mechanisms with clinical implications, particularly in genetic disorders and epigenetics. Its well-structured chapters and recent research insights make it a valuable resource for both students and researchers in genomics and molecular biology.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| 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** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments | The textbook Repetitive DNA and Its Roles in Diverse Facets of Biology offers an in-depth and timely exploration of the functional relevance of repetitive DNA sequences. The authors have effectively integrated current research findings with foundational concepts, making complex topics accessible and engaging. The text is well-organized, with clear illustrations and examples that enhance understanding. It serves as a valuable reference for students, educators, and researchers interested in genome dynamics, regulation, and evolution. |  |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | 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:**

**B. Ramya, India**