

Peer-review report(s). Authors must resolve all issues in the manuscript that are raised in the peer-review report(s) and provide point-by-point responses to each of the issues raised in the peer-review report(s):

Reviewer #1:

Scientific Quality: Grade D (Fair)

Language Quality: Grade B (Minor language polishing)

Conclusion: Major revision

Specific Comments to Authors:

The article provides a comprehensive introduction to the background of NAFLD, the basic functions of lncRNA, and their potential roles in NAFLD. It offers sufficient background information, helping readers understand this complex disease and its mechanisms. However, the article has some drawbacks: Lack of graphical support: Although the article describes the roles of various lncRNAs in detail, it lacks charts or diagrams to visually represent these molecular mechanisms and research data, which may affect the readers' understanding and reading experience. Insufficient explanation of mechanisms: While the article mentions the roles of lncRNAs, it lacks in-depth explanations of their specific molecular mechanisms, such as how they regulate gene expression or participate in inflammatory responses. Some references are outdated: Some of the references cited in the article are relatively old.

Chart has been added.

Further explanation added for mechanism of action.

References updated.