

Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors:

This study is very interesting. The authors proposed to elucidate the role played by miR-298 in CRC radio-resistance. The figures help the readers to make a more understanding of the study. The whole manuscript is well drafted; however, some concerns have been noted including: 1. The manuscript required a minor revision, both for the language and the format. 2. The author should compare the protein expression of 53BP1 and DYRK1A in NC group, mimic group, and mimic+pcDNA- DYRK1A group under 5-cy treatment conditions.

Response: Thank you for your valuable feedback and comments on our manuscript. We have supplemented the protein expressions of mimic group and mimic+pcDNA-DYRK1A group.

Reviewer #2:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors:

In this study, the authors discussed the involvement of miR-298 in radio-resistance and revealed that it modulates radio-resistance in CRC cells by targeting DYRK1A. The design of this study is very well, and the results are interesting. Comments: 1. A minor language editing is required. Some minor language polishing should be corrected. 2. Manuscript should be edited according to the journal's guidelines. Results are discussed with updated references. 3. The authors performed statistics on other Western Blot results, but missing for the figure 5E.

Response: Thank you for your valuable feedback and comments on our manuscript. We edit manuscripts according to the journal's guidelines. And updated references are discussed. We supplemented the statistical results in Figure 5E.