

Replies to Editor

Reviewer 1: The manuscript is interesting. However, the author needs to carry out an extensive bibliographic review to improve the manuscript with the references.

Response 1: Thank you for your reminder. I have carried out an extensive bibliographic review to improve the manuscript by adding a brief summary (RNA isolation → DNA isolation → Protein isolation → RNA/DNA isolation → RNA/Protein isolation) and the corresponding references highlighted with YELLOW color. (Please check the YELLOW text in Introduction and references in our revised manuscript).

Reviewer 2: The manuscript entitled “One-stage extraction of RNA, DNA, and proteins from cultured cells” appears to be interesting, but there are many flaws and concerns on it. Study can be greatly improved if following suggestions were incorporated.

1. The title of the paper is not accurately expressed, and I think it needs to be rewritten.

Response 1: Thanks for your constructive suggestion . I have changed the title to “**Sequential extraction of RNA, DNA, and protein from cultured cells of the same group**”. If you think it still not accurate, please help us replace it with the optimal expression. I appreciate your

kind help. Many thanks in advance. **(Please check the title in the revised manuscript)**

2. The figures are blurry and are not clear enough to read in our version.

Response 2: The figures have been adjusted into TIF formats, which should be legible. **(Please check them in the revised manuscript)**

3. In order to make the paper more interesting to read, I suggested that the authors could add one graphical abstract to the manuscript.

Response 3: Thanks for your constructive suggestion. I have added **one graphical abstract** to this manuscript before **Abstract**. **(Please check it in the revised manuscript)**

4. I suggest including clear limitations of the study in the discussion.

Response 4: Thanks for your thoughtful advice. The limitations of the study have been added in the end of discussion **highlighted** with **YELLOW color**. **(Please check it in the revised manuscript)**