*Thank you to the editor and the reviewers for their constructive suggestion. Below we the changes we have made to address these concerns.*

Changes to be made by the Author(s):  
1. Please take this opportunity to thoroughly proofread the manuscript to ensure that there are no spelling or grammar issues. The JoVE editor will not copy-edit your manuscript and any errors in the submitted revision may be present in the published version.

*We have carefully reread the manuscript and made a number of changes to deal with some grammatical issues and to remove typographical errors.*

2. Please define all abbreviations before use. Please reword lines 294-295 as it matches with the previously published literature.

*We have rephrased this sentence.*

3. Please provide at least 6 keywords or phrases.

*We have added another key word.*

4. Please rephrase the Short Abstract/Summary to clearly describe the protocol and its applications in complete sentences between 10-50 words: “Here, we present a protocol to …”

*This has been rephrased as requested.*

5. Please ensure that all text in the protocol section is written in the imperative tense as if telling someone how to do the technique (e.g., “Do this,” “Ensure that,” etc.). The actions should be described in the imperative tense in complete sentences wherever possible. Avoid usage of phrases such as “could be,” “should be,” and “would be” throughout the Protocol. Any text that cannot be written in the imperative tense may be added as a “Note.”

*We have rewritten the instructions in the imperative throughout, and moved any additional information into “NOTES”.*

6. The Protocol should contain only action items that direct the reader to do something.

*This has been rephrased as requested.*

7. Please add more details to your protocol steps. Please ensure you answer the “how” question, i.e., how is the step performed?

*Where possible we have added more detail.*

8. Step 6 and 7: Please explain how this is done. For computational steps please provide all button clicks, graphical user interface, or scripts. For example, Click “Open”. Run the script 1(supplemental file 1), etc.

*Where possible we have added more detail.*

9. Please discuss all figures in the Representative Results. However, for figures showing the experimental set-up, please reference them in the Protocol. Figures should be referenced in order.  
10. Please obtain explicit copyright permission to reuse any figures from a previous publication. Explicit permission can be expressed in the form of a letter from the editor or a link to the editorial policy that allows re-prints. Please upload this information as a .doc or .docx file to your Editorial Manager account. The Figure must be cited appropriately in the Figure Legend, i.e. “This figure has been modified from [citation].”

*These are all original figures and does not require copyright permission.*

11. Figure 3: Please provide the unit as cd.s/m2 . Please use this format throughout the manuscript as well.

*We have made this change in the text as well as in Figures 2 and 3.*

12. As we are a methods journal, please revise the Discussion to explicitly cover the following in detail in 3-6 paragraphs with citations:  
a) Critical steps within the protocol  
b) Any modifications and troubleshooting of the technique  
c) Any limitations of the technique  
d) The significance with respect to existing methods  
e) Any future applications of the technique

*We believe that our discussion now covers all of these key subheadings.*  
  
**Reviewers' comments:**  
  
**Reviewer #1:**  
Manuscript Summary:  
This is a really nice addition to help zebrafish visual scientist to record ERGs. The method is interesting and we will try it in the lab as well.  
  
Major Concerns:  
no major concerns.  
  
Minor Concerns:  
1. The authors state somewhat too strongly for my taste how difficult it is to record ERG with the current technique. I agree that a micropipette puller is needed. This is standard equipment for all physiology labs and also for most zebrafish labs, since this equipment is needed to pull pipettes for injections needles (e.g. for transgenesis, DNA/RNA injections). Hence this is a limitation for very few labs. A microforge is not needed. Having said that the new method is still welcomed.

*We have toned down our statements on limitation how difficult it is to measure ERGs with current approaches both in the introduction and discussion.*

2. I stumbled over the concern of liquid control. I first thought that the perceived problem is to keep the glass pipette filled. Maybe the authors want to say that the larva or the extirpated eye needs to be kept moist. The fist problem is really no problem, the second issue is an issue, but does not pertain to the introduced method. This concerns is independent of the microelectrode used.

*Yes this is correct and we have removed any confusing statements about fluid control.*

3. In the analysis section the authors should explain why zebrafish people usually quantify the b-wave (in contrast to mice). The a-wave is masked by the b-wave, but can be revealed by a simple pharmacological treatment (containing TBOA, APB and pictrotoxin). This treatment blocks the b-wave and thereby reveals the a-wave.

*We have added a statement regarding the use of pharmacology to expose the a-wave.*

4. There are some minor English language issues that the copy editor will surely identify.

*We have attempted to correct a number of issues throughout the manuscript.*  
  
  
**Reviewer #2:**  
Manuscript Summary:  
This manuscript describes a protocol for recording ERGs from zebrafish larvae The focus/novelty is the construction of a new electrode made of silver wire and a PVA sponge that is inexpensive and less likely to damage the larval eye than glass electrodes.  
  
Major Concerns:  
I have no major concerns with this manuscript. It is well written and provides useful information for researchers using zebrafish to study retinal function.  
  
Minor Concerns:  
I noticed a few typos on the comments/description page.  
1, the word maintaining is misspelled.  
2, the word carefully is misspelled  
3, in the final sentence "toteh" should be "to the"

*We have made these amendments as suggested.*