**Cover letter to JOVE**

Dear Editor in chief:

We wish to thank the reviewers and the editorial board for the excellent reviews on the manuscript entitled “**Methods to study the virulence and pathogenesis of *Aeromonas* infection in a *Caenorhabditis elegans* model**”. All authors have seen and agreed to the final version. There were no potential conflicts of interest and sources of financial support to be declared by all authors.

The human pathogen *Aeromonas* has been clinically shown to cause severe infection. Most human diseases have been reported to be associated with four species: *A. dhakensis*, *A. hydrophila*, *A. veronii*, and *A. caviae*. The model organism *Caenorhabditis elegans* is a bacterivore that provides an excellent infection model by which to study the bacterial pathogenesis of *Aeromonas*. Here, we introduce three different experiments to study *Aeromonas* infection using a *C. elegans* model, including survival, liquid toxicity, and muscle necrosis assays. The results of the three methods determining the virulence of *C. elegans* were consistent. These methods are shown to be a convenient way to clarify the toxicity among and within *Aeromonas* species and contribute to an understanding of the pathogenesis of *Aeromonas* infection.

We would appreciate it very much if you and the reviewers could review the manuscript to be published in your journal.

Sincerely yours,

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