

Jan 07, 2019 Version 2

Zebrafish (Danio rerio) Environmental Summary, Aquatic Resources Program, Boston Children's Hospital 2018 V.2

 [eLife](#)

DOI

dx.doi.org/10.17504/protocols.io.wthfej6

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DOI: dx.doi.org/10.17504/protocols.io.wthfej6

External link: <https://doi.org/10.1371/journal.pone.0199712>

Protocol Citation: Christian Lawrence, Jason Best, Althea James, Shane Hurley, Mitchel Shia, Michelle Urh 2019. Zebrafish (Danio rerio) Environmental Summary, Aquatic Resources Program, Boston Children's Hospital 2018. **protocols.io** <https://dx.doi.org/10.17504/protocols.io.wthfej6>

Manuscript citation:

Widrick JJ, Gibbs DE, Sanchez B, Gupta VA, Pakula A, Lawrence C, Beggs AH, Kunkel LM (2018) An open source microcontroller based flume for evaluating swimming performance of larval, juvenile, and adult zebrafish. PLoS ONE 13(6): e0199712. doi: [10.1371/journal.pone.0199712](https://doi.org/10.1371/journal.pone.0199712)

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Protocol status: Working

We use this protocol and it's working

Created: January 07, 2019

Last Modified: January 07, 2019

Protocol Integer ID: 19017

Keywords: zebrafish, Danio rerio, husbandry, environmental conditions

Abstract

Environmental and housing conditions experienced by laboratory animals exert profound effects on their biology, physiology, and behavior. These parameters are important and often overlooked sources of potential variation in experiments, and should be reported in peer-reviewed publications in order to promote scientific reproducibility. To that end, here we provide a summary of the environmental conditions in zebrafish (*Danio rerio*) aquaculture facilities at Boston Children's Hospital (BCH). We include data on the physico-chemical, health, and nutrition of zebrafish in three separate facilities at BCH: Karp, Enders SSB, and Enders Lobby. In this year's version, we also include new information on our sanitization protocols and equipment. We also provide some additional characterization of our sampling methods for water parameters and health in a legend. This information will be applicable to any study involving zebrafish conducted in one of these three facilities during the year of 2018.

Attachments



[BCH Danio rerio Envi...](#)

8.8MB



[BCH Danio rerio Envi...](#)

6.4MB

