April 22, 2015

RE: Manuscript Submission

Dear Morgan McCabe,

Thank you for contacting us regarding potential contribution to the JoVE. Please find enclosed the following manuscript, “*Droplet digital PCR for simultaneous quantification of general and human-associated fecal indicators for water quality assessment*” for your consideration.

The described EntHF183 duplex droplet digital PCR method can measure the general fecal indicator *Enterococcus* spp. and the human-fecal associated HF183 marker simultaneous, and is the first published duplex digital PCR assay of its kind. The demonstrated advantages of the EntHF183 duplex ddPCR assays promise other useful applications of the digital PCR technology in microbial source tracking, detection of pathogens and antibiotic resistance genes. As a relatively new technology to the molecular testing field, researchers and practitioners can benefit from learning about the method through the unique multimedia format provided by JoVE.

Contributing authors to this manuscript include Dr. Yiping Cao, Meredith Raith, and Dr. John Griffith. JoVE editor Morgan McCabe has provided assistance for this submission.

As requested, we list 6 peer reviewers for your consideration.

Dr. Andreas Farnleitner, Vienna University of Technology, [a.farnleitner@aon.at](mailto:a.farnleitner@aon.at)

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Sincerely,

Yiping Cao, Meredith Raith, John F. Griffith