

SUPPLEMENTAL MATERIALS

Microfluidic Long-Term Differential Oxygenation for Bacteria Growth Characteristics Analyses

Xin Cui, Hon Ming Yip, Qian Zhu, Chengpeng Yang, and Raymond H. W. Lam*

Department of Mechanical and Biomedical Engineering, City University of Hong
Kong, Hong Kong.

* Correspondence should be addressed to RHW Lam; email: rhwlam@cityu.edu.hk;
Tel: 852-3442-8577; Fax: 852-3442-0172.

SUPPLEMENTAL FIGURES

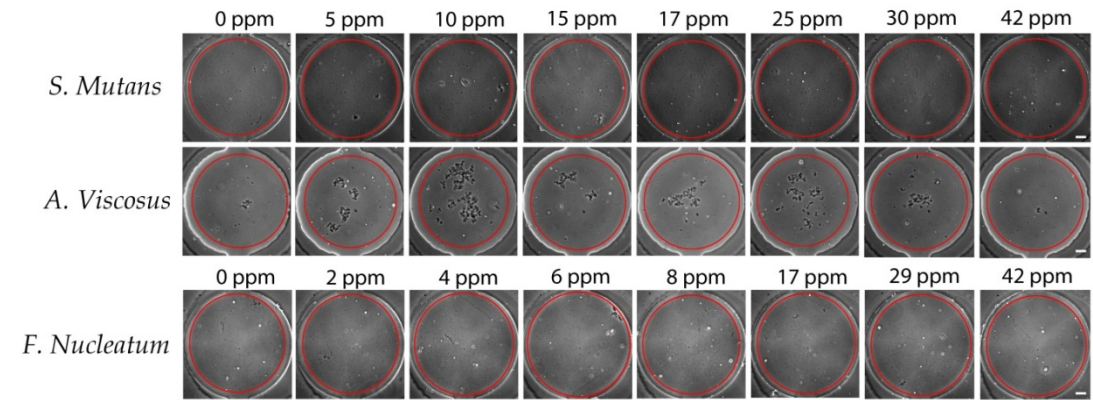


Fig. S1. Raw images of cell distributions under eight selected dissolved oxygen levels after long-term (up to one week) culture. The scale bars are 100 μm . The regions within red circles are only considered in image processing.

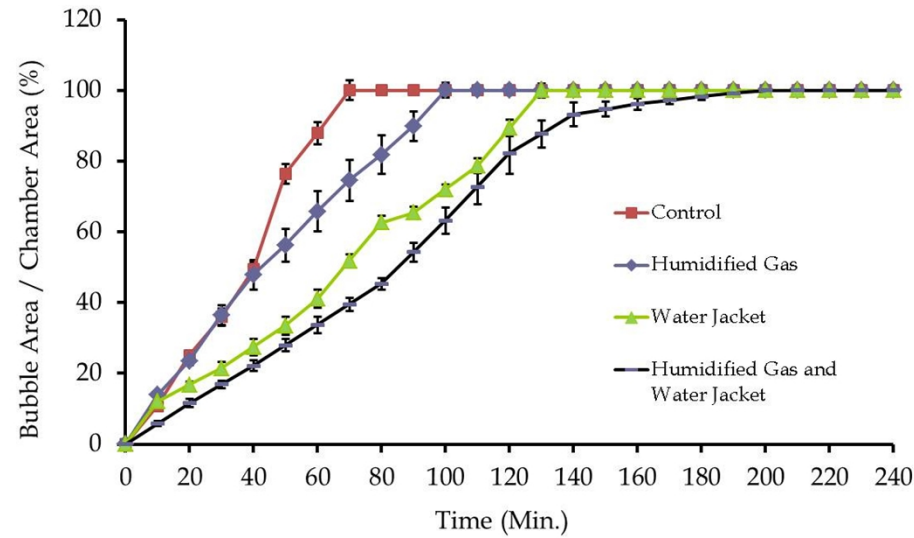


Fig. S2. Normalized evaporated areas in a chamber during different humidification approaches. A control experiment was conducted by applying the gas without pre-humidification and a water jacket. Error bars stand for standard errors obtained from three independent experiments.