

Author Contributions

Justin C. Rolando, Erik Jue, Nathan G. Schoepp, and Rustem F. Ismagilov. **2018**. "Real-time, digital LAMP with commercial microfluidic chips reveals the interplay of efficiency, speed, and background amplification as a function of reaction temperature and time." *Analytical Chemistry*. 91(1):1034–1042

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S-VIII Contributions of non-corresponding authors

J.C.R. conceptualized the method, generated and analyzed data. Wrote the paper, constructed figures, and performed all revisions.

E.J. wrote the MATLAB software script for automated analysis of digital LAMP image sequences. Provided minor input to experimental design; and minor edits and inputs to the figures and manuscript.

N.G.S. prepared and quantified nucleic acid stocks. Optimized buffer conditions for Bst 2.0. Provided minor input to experimental design and minor edits and inputs to the figures and manuscript.