

Supplement

3D-Printed Microfluidic Chip System with Integrated Fluidic Breakers and Phaseguide Fluid Structures for Optimal Passive Mixing

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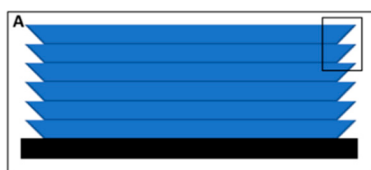
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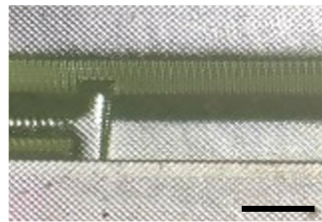
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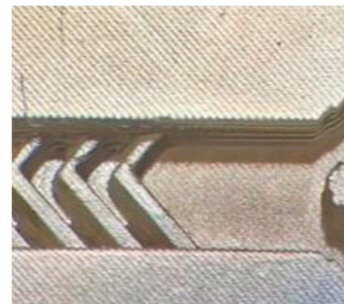
“Roughness” structure of the 3D-printed material



(A)



(B)



(C)

Figure S2. (A) Example of a 3D printed part and its possible sidewall roughness (altered from Subirada et al. 2020) (B) snapshot of microscopical picture (200X) of the channel without mixing structure behind the T-stop structure. On the top surface the planar voxel structure and the sidewall with vertical orientated rough structures. (C) snapshot of microscopical picture from the sidewall