Three-dimensional hydrodynamic focusing with a single sheath flow in a single-layer microfluidic device

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**Fig. S1.** Simulation results of cross-sectional view of transverse velocity vectors at x-axial position of 5 (i), 35 (ii), 65 (iii), 155 (iv) and 295 (v) μm from an entrance of the second contraction region. Two counter-rotating vortices representing Dean flow are completely developed around x-axial position of 35 μm.