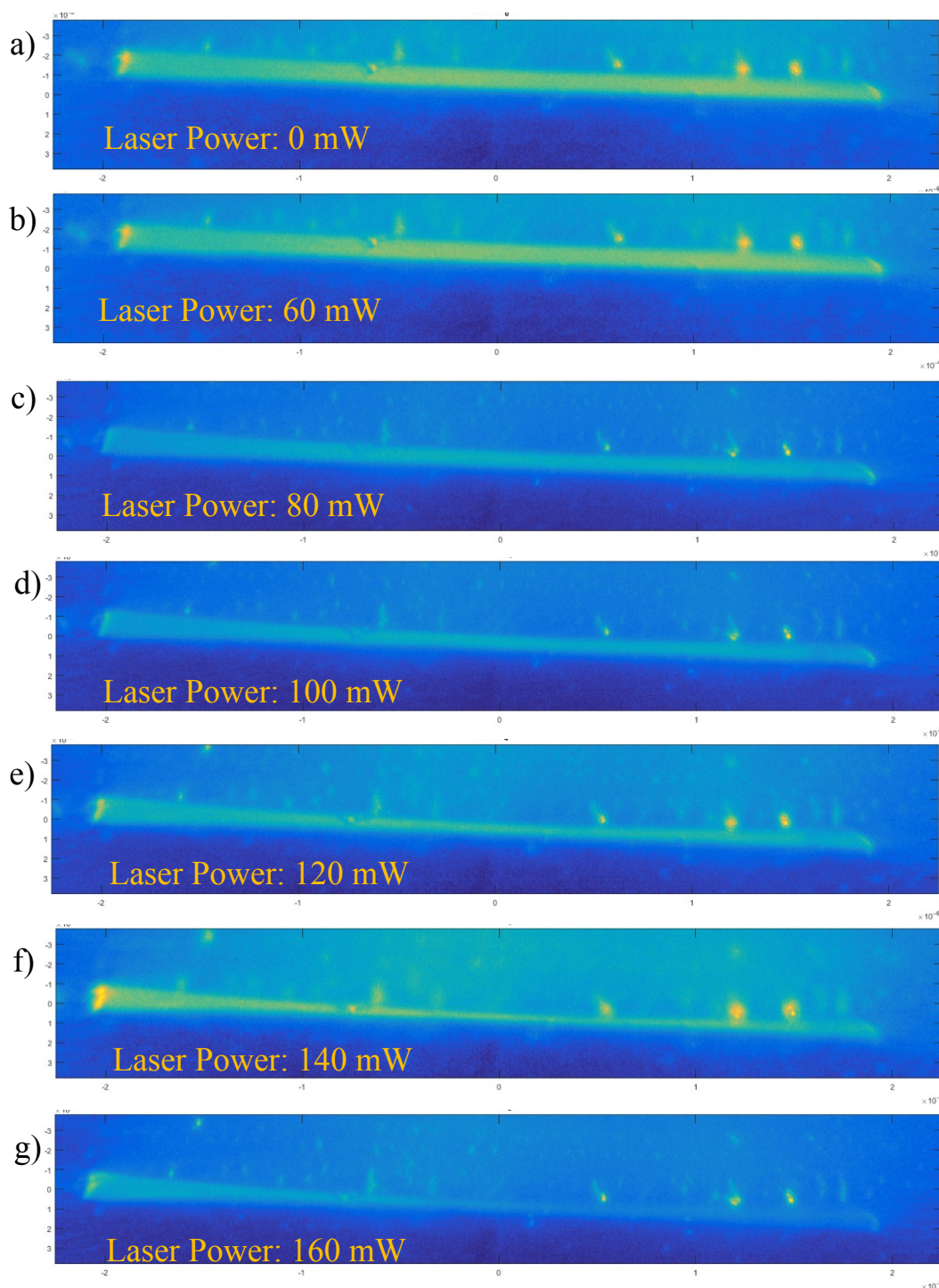


Real-time and reversible light-actuated microfluidic channel squeezing in dye-doped PDMS

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We imaged the cross section of the channel when exposed to different laser intensities (Fig. S1a-i). In fig. S1-j we measured the ratio between the clear area of the channel exposed to different laser intensities over the initial area of the channel.



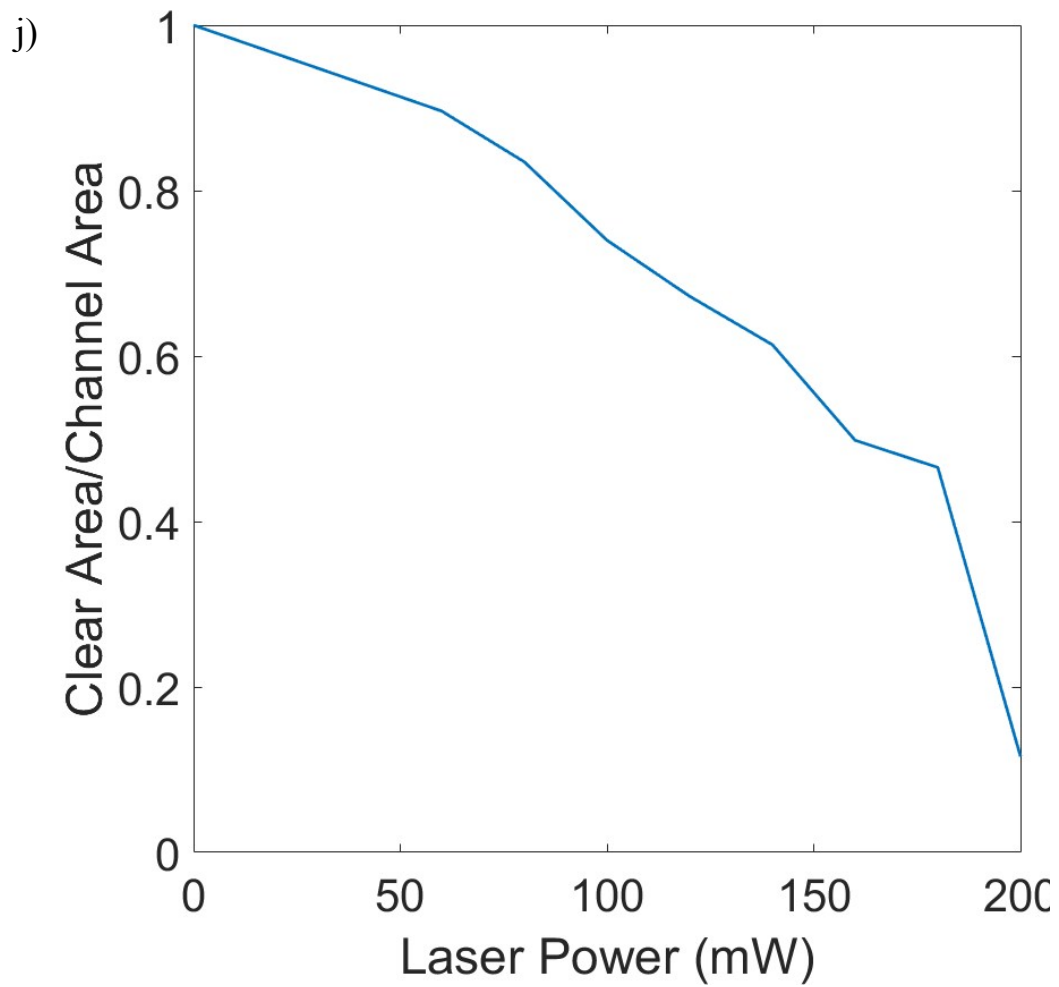
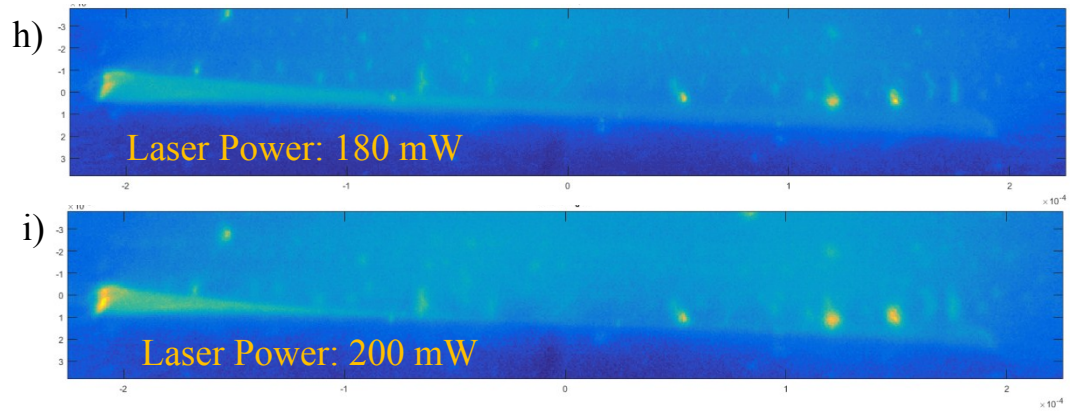


Figure S1 a-i) Cross-section of the microfluidic channel exposed to increasing laser power. j) Ratio between clear area over channel area versus Laser Power