



Supplementary Materials: Single-cell Electroporation with Real-time Impedance Assessment USING a Constriction Microchannel

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Figure S1. Photograph of the microfluidic chip and the micrographs of the loading channel, bypass channel, constriction channel and release channel.

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Figure S2. The microfluidic device was fabricated based on the key steps of (**a**,**b**) deep etch of Si, (**c**) SU-8 25 spin coating, exposure with alignment, (**d**) development, (**e**) PDMS molding and (**f**) peeled PDMS with holes punched. After plasma treatment, the PDMS layer and the glass substrate were bonded together (**g**).