

Wrinkling and electroporation of giant vesicles in the gel phase

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Supplementary Information

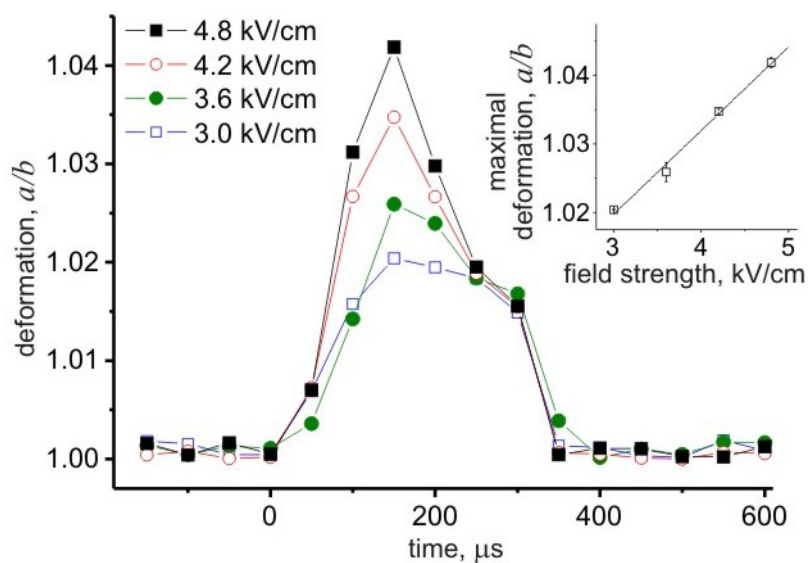


Figure S1. Deformation response of a giant DPPC vesicle with radius of 29 μm exposed to pulses with duration of 300 μs and increasing field strength as indicated in the legend. No poration was observed. The vesicle was recorded at 20 000 fps. After reaching the maximal deformation at 150 μs, intra-pulse relaxation is observed; see the main text for details. The degree of deformation at the end of the intra-pulse relaxation is similar for all pulses. The maximal degree of deformation increases linearly with the field strength of the pulse as shown in the inset. All data are averaged over three identical pulses.