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## Electronic Supplementary Information (ESI)

## A biocompatible open-surface droplet manipulation platform for detection of multi-nucleotide polymorphism

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The deformation depth of PDMS membrane was measured by color 3D laser scanning microscope (VK-9700, Keyence Corp., US). Fig. S1 shows the relationship between the working pressure and deformation depth of a PDMS membrane

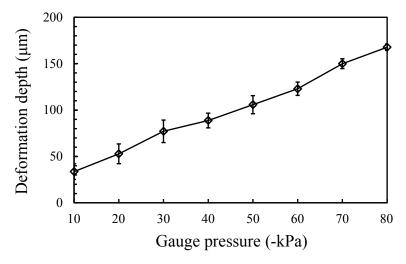


Fig. S1 The relationship between the working pressure and deformation of a PDMS membrane