

Visual Detection of Multiple Genetically Modified Organisms in a Capillary Array

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Supplementary Materials list

1. Supplementary Figures

Supplementary Figure 1. The hydrophobic coating of the capillary array is necessary to successful sample loading and separation.

Supplementary Figure 2. CALM is also compatible to large sample screening in 96-well microplate format.

Supplementary Figure 3. Successful amplification on CALM platform without cross-contamination.

Supplementary Figure 4. Sensitivity of the conventional LAMP for the eight targets.

2. Supplementary Tables

Supplementary Table 1. List of LAMP primer sequences.

Supplementary Table 2. Data analysis of the LAMP array experiments.

Supplementary Table 3. List of primers and Taqman probes of the real-time PCR assays.

Supplementary Table 4. The Ct values of the real-time PCR assays for the SHCIQ samples.