

Supplementary Material (ESI) for Lab on a Chip
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Towards the plastic biochip for high throughput screening devices

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10

Supplementary Material

Gerardo A. Diaz-Quijada et al.,

Figure Captions.

Fig S1. Optical transmission curves for the initial set of potential plastics.

Fig S2. Steady state emission fluorescence spectra from the plastics under consideration. Excitation was performed at 543 nm.

Fig S3. Steady state emission fluorescence spectra from the plastics under consideration. Excitation was performed at 633 nm.

Fig S4. Infrared spectra from Zeonor 1060R before and after oxidation with ozone and UV-ozone.

Fig S5. High-resolution carbon 1s spectrum of pristine Zeonex E48R.

Fig S6. Fluorescent images of a hybridised array of two different strands of DNA on Zeonex E48R illustrating selective binding of each complementary strand.

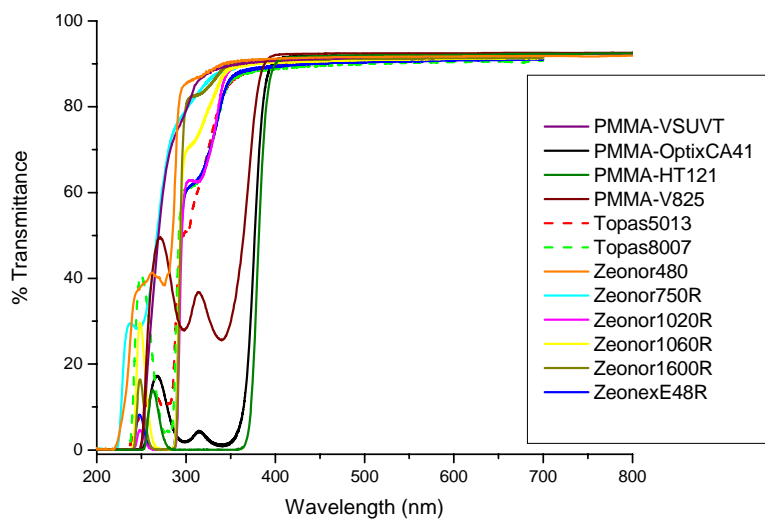


Fig S1 (Diaz-Quijada *et al.*)

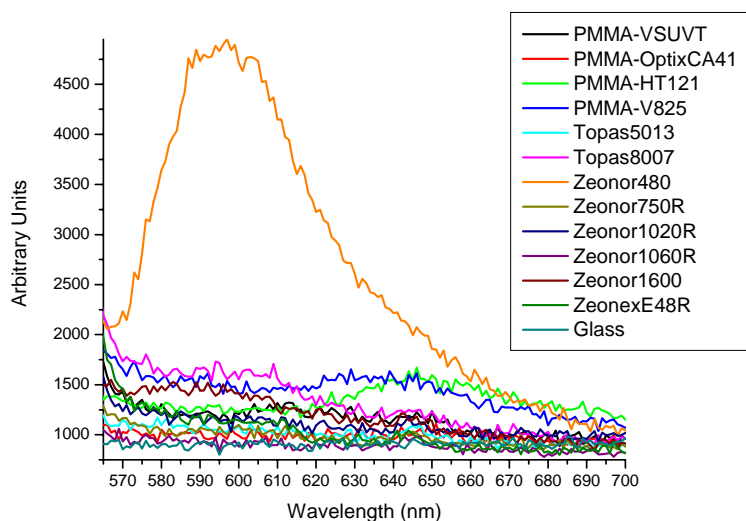


Fig S2 (Diaz-Quijada *et al.*)

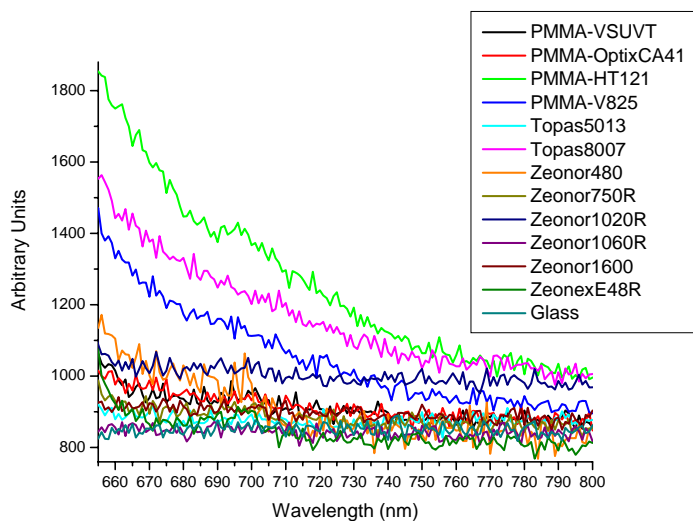


Fig S3 (Diaz-Quijada *et al.*)

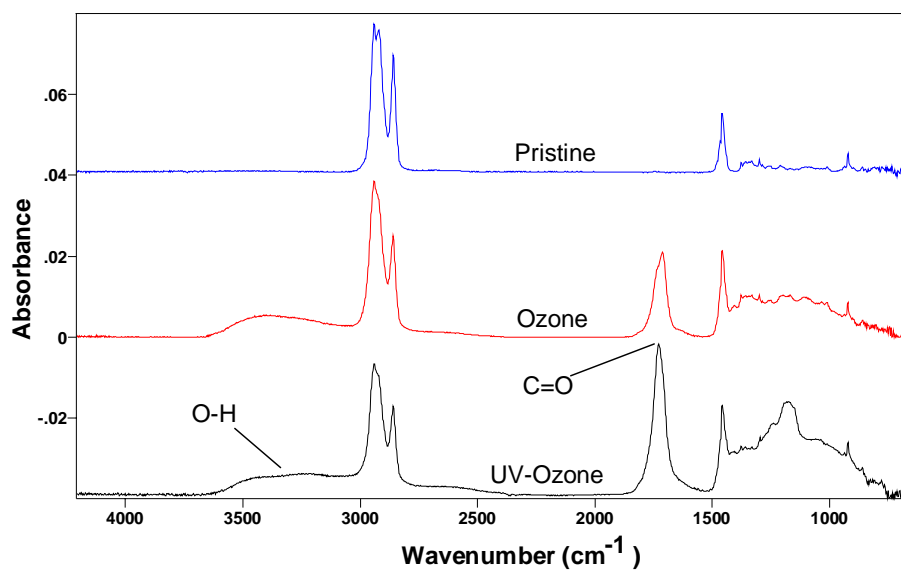


Fig S4 (Diaz-Quijada *et al.*)

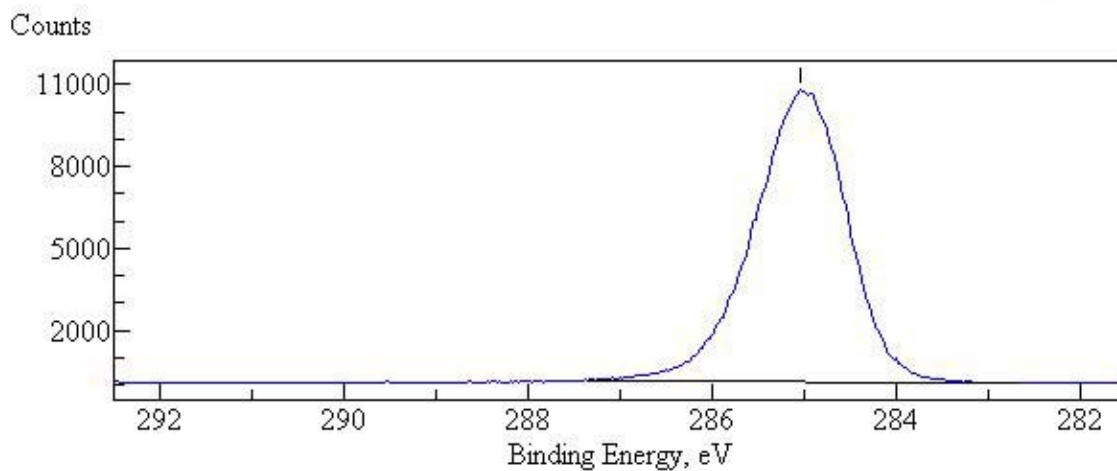


Fig S5 (Diaz-Quijada *et al.*)

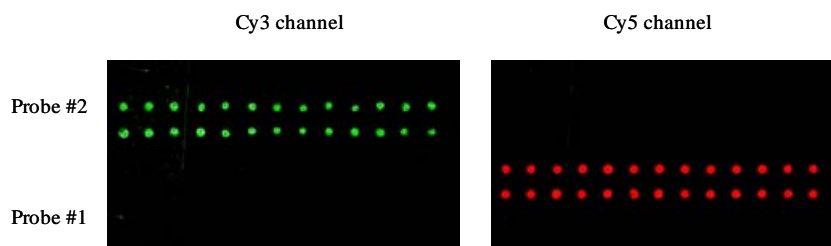


Fig S6 (Diaz-Quijada *et al.*)