

Supplementary Information

**Supramolecular confinement of polymeric electron transfer mediator
on gold surface for picomolar detection of DNA**

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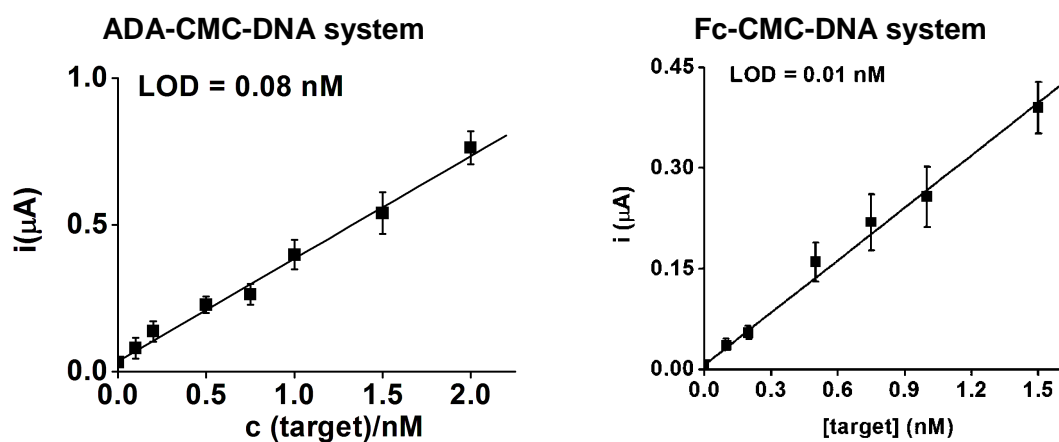


Fig S1. Comparison of calibration plots obtained for ADA-CMC-DNA and Fc-DNA-DNA systems.

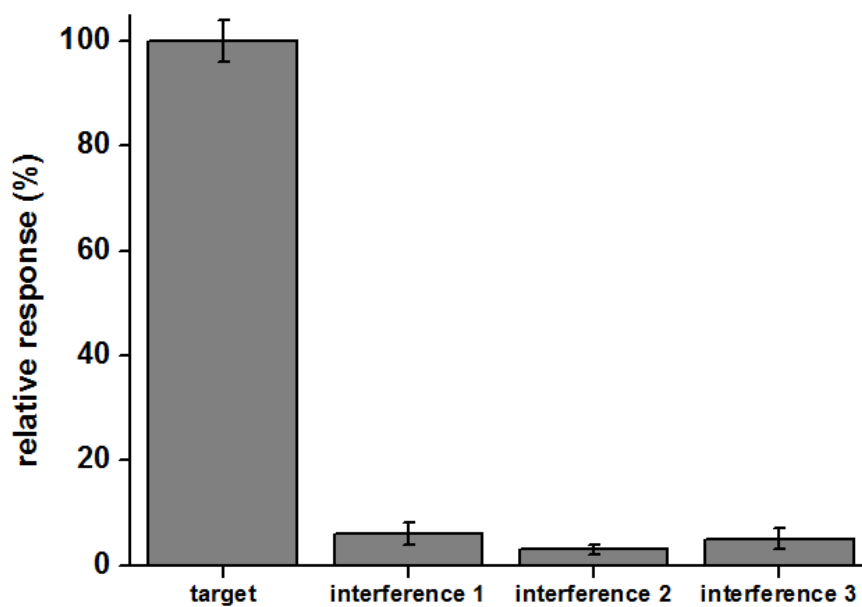


Fig S2. Sequence selectivity. Comparison of amperometric responses obtained with the HLA DQA102 target sequence and with interfering probes 1-3 (see Experimental section for oligonucleotide sequences)