

Supporting information for:

Size-dependent programming of the dynamic range of graphene oxide-DNA interaction based ion sensors

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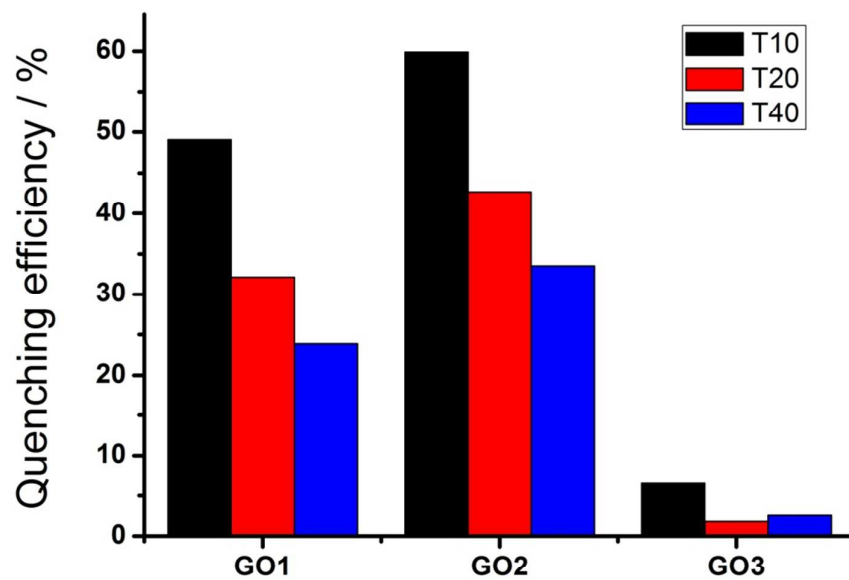


Figure S1. The interaction of DNAs with consecutive thymines with GO1, GO2 and GO3. The overall quenching efficiency of GO2 is higher than that of GO1 and GO3. Along with the increase of the DNA length, the quenching efficiency decreases.

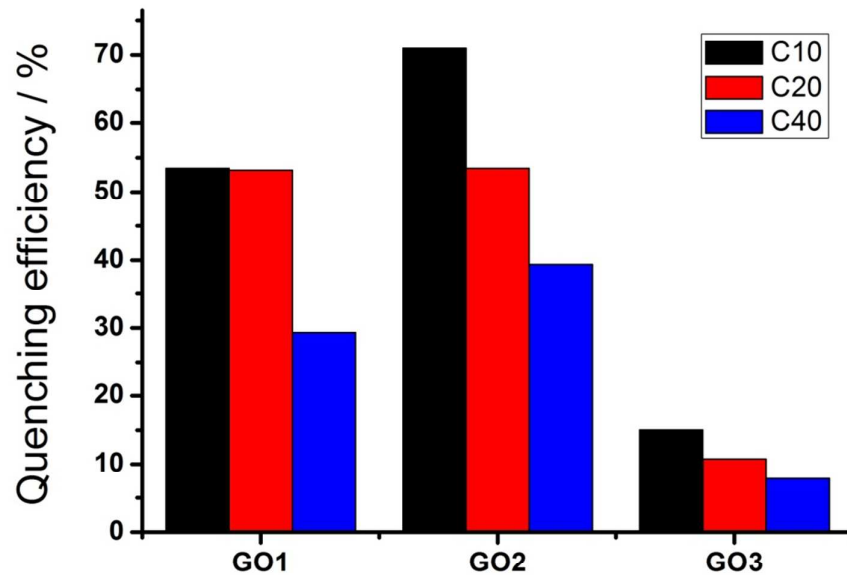


Figure S2. The interaction of DNAs with consecutive cytosines with GO1, GO2 and GO3. The similar trends to figure S1 were observed.