

Supplementary material for „Influence of percentage of guanine molecules, OH radicals, UV irradiation and temperature on electrooxidation of short synthetic oligonucleotides”

Anna Maria Nowicka,^{a*} Ewelina Zabost,^a Edyta Gilant,^a Zbigniew Stojek^{a*}

⁵ Received (in XXX, XXX) Xth XXXXXXXXXX 200X, Accepted Xth XXXXXXXXXX 200X

First published on the web Xth XXXXXXXXXX 200X

DOI: 10.1039/b000000x

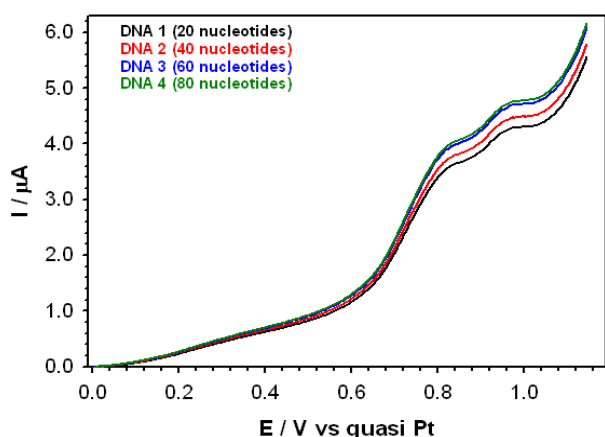


Fig. 1S Typical anodic square wave voltammograms obtained for dsDNA of different length. DNA concentration: 38 μ M; 0.02 M PBS buffer (pH 7.4); glassy carbon disk electrode of diameter 3 mm; frequency = 20 Hz; guanine percentage: 50 %.

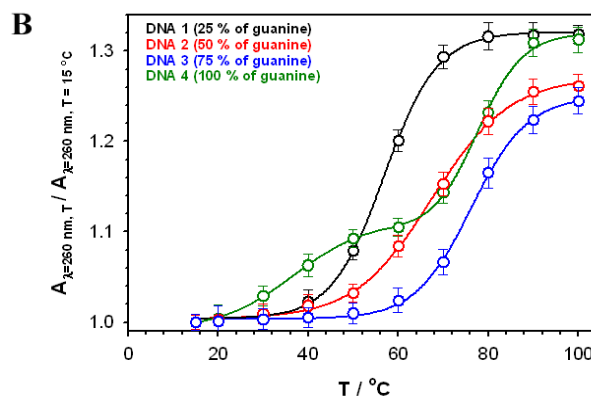
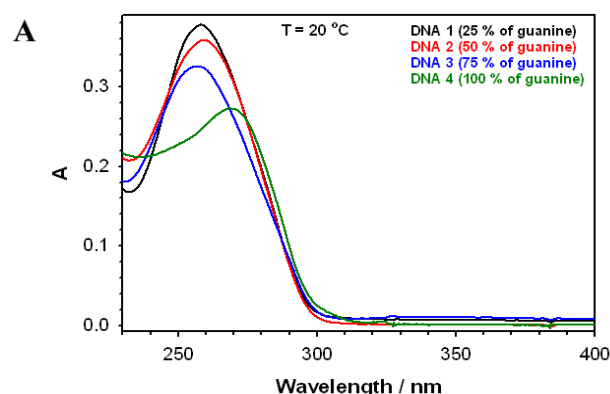


Fig. 2S (A) UV spectra of dsDNA (20-nucleotides long) containing different amount of guanine; room temperature. (B) Plots of normalized absorbance vs. temperature. Conditions: DNA concentration 28 μ M. Other conditions as in Figure 1S.