A High-Performance Antibacterial Nanostructured ZnO Microfluidic Device for Controlled Bacterial Lysis and DNA Release

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Supplementary Material

EtBr was intercalated to *E. coli* DNA in amounts ranging from 0.1 to 1 ng, and a gel image was obtained from which the fluorescence intensity (FI) was estimated via ImageJ. Figure S1 shows FI as a function of the *E. coli* DNA amount, where a rather good linear dependence is indicated for DNA up to 1 ng (and FI up to 5000 a.u.).

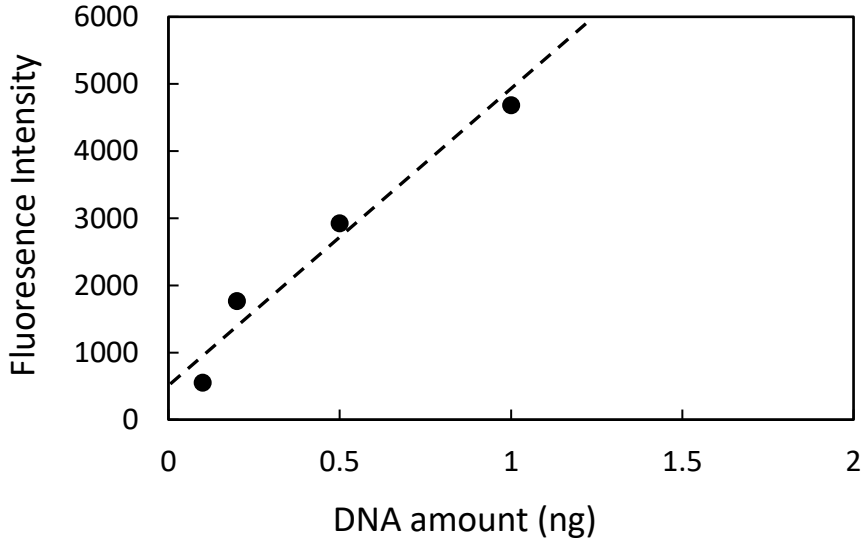

Figure S1. Standard curve for fluorescence intensity as a function of *E. coli* DNA in the range 0.1–1 ng.