

Supplementary Information

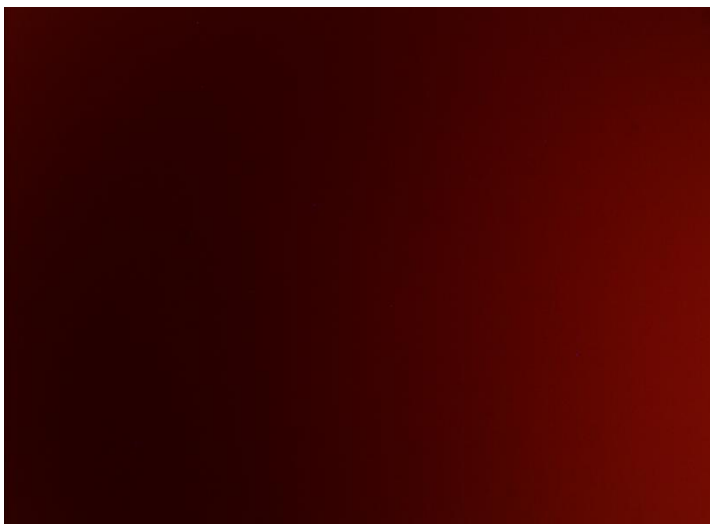


Figure 1. Background fluorescence of quantum dot (QD) following incubation with *E. coli* cells without PDA (high intensity UV light), $\sim 5 \times 10^{11}$ cells/mL. Cells were incubated with carboxyl functionalized QDs as described in the Experimental section. Magnification = 400 \times .