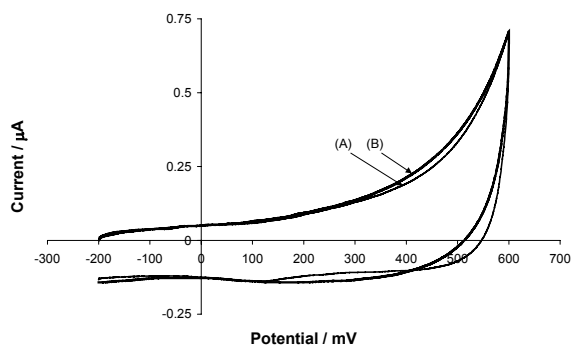
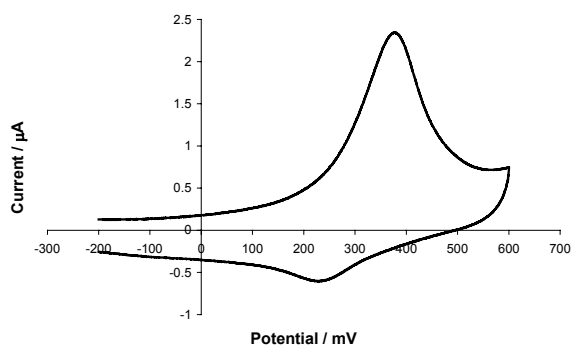


## Supplementary Information



(A) A cyclic voltammogram of the ss-DNA modified electrode performed in 0.05M phosphate and 0.3M NaCl (pH 7.0) with an Ag/Ag/Cl reference electrode and a platinum flag auxiliary electrode. (B) A cyclic voltammogram of the same modified electrode after being exposed to a non-complementary sequence in solution.  
Supplementary Information, MCE:



A cyclic voltammogram of a MCE-modified gold electrode in 0.05M phosphate and 0.3M NaCl (pH 7.0)