## Supplementary Materials: Flexible, Low-Cost Sensor Based on Electrolyte Gated Carbon Nanotube Field Effect Transistor for Organo-Phosphate Detection

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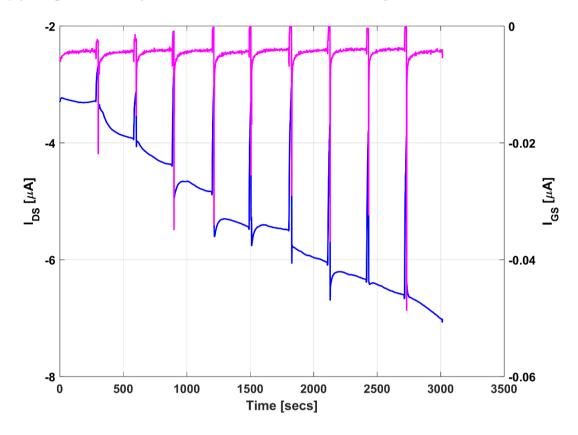


Figure S1. Impact of increasing acetylcholine concentration on the gate current.

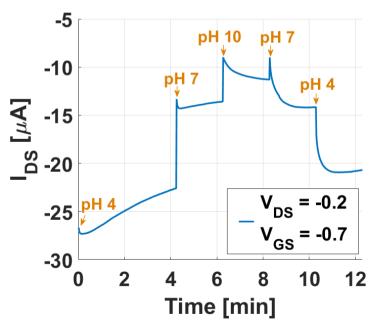
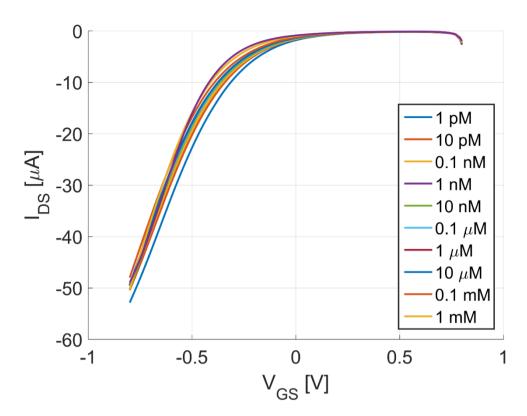
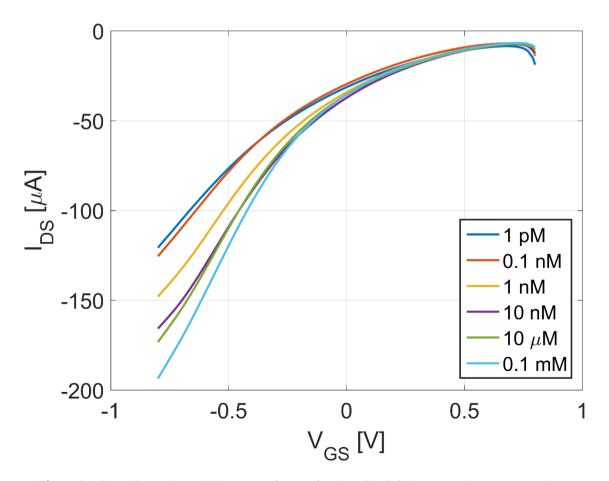


Figure S2. pH dependence of CNTFETs.



**Figure S3.** Control experiement1: Response of an un-functionalized device to varying concentrations of acetylcholine.



**Figure S4.** Control experiment2: Response of an un-functionalized device to varying concentrations of acetic acid.