

Figure S1. Atomic Force Microscopy (AFM) Characterization. (a) In-solution AFM image of AgNPs/MoS₂. Z scale: 4.5 nm. Scale bar: 50 nm; (b) Height information of cross section in a shows that the height of MoS₂ increased by ~1 nm when 1 mM glucose was added in the solution (black line: no glucose, red line: 1 mM glucose).

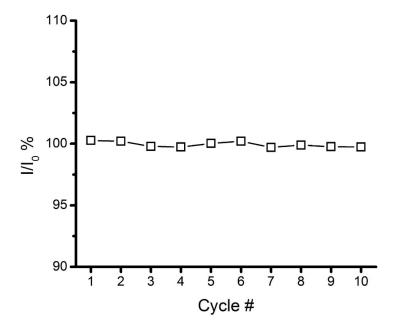


Figure S2. Reversibility of the Regulatory Effect. The ratio of the peak current of the AgNPs/MoS₂ electrode after repeatedly performing glucose detection in the solution containing glucose and then being brought back to 0.1 M NaOH, to the initial peak current.