

Molecular dynamics discrimination of the conformational states of Calmodulin through solid-state nanopore

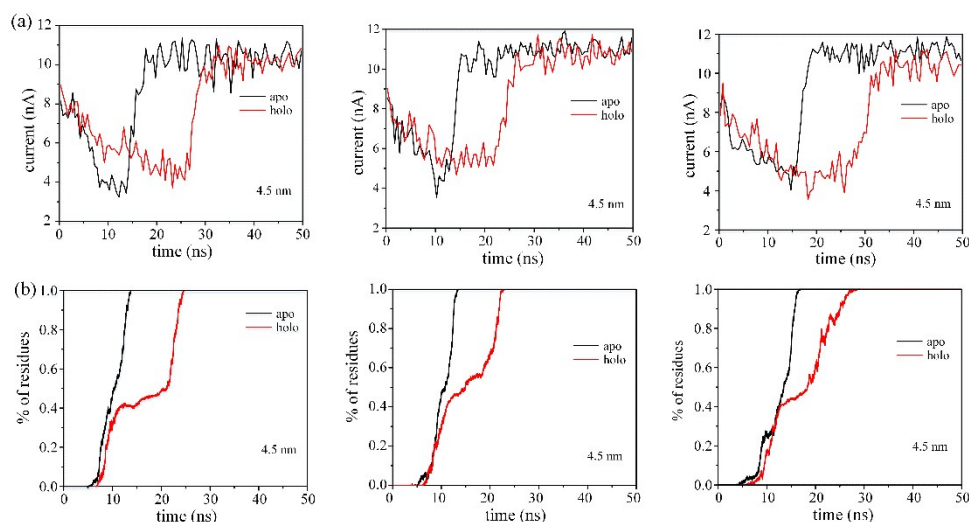


Figure S1. Replicate 1 of CaMs translocation behavior in silicon nitride nanopore with diameters of 4.5 nm for three replicated simulations at bias voltage 600 mV. (a) Typical current-time traces for apo-CaM and holo-CaM. (b) The percentage of the CaMs residues transported through the midplane of the Si_3N_4 membrane (% of residues) versus simulation times t .

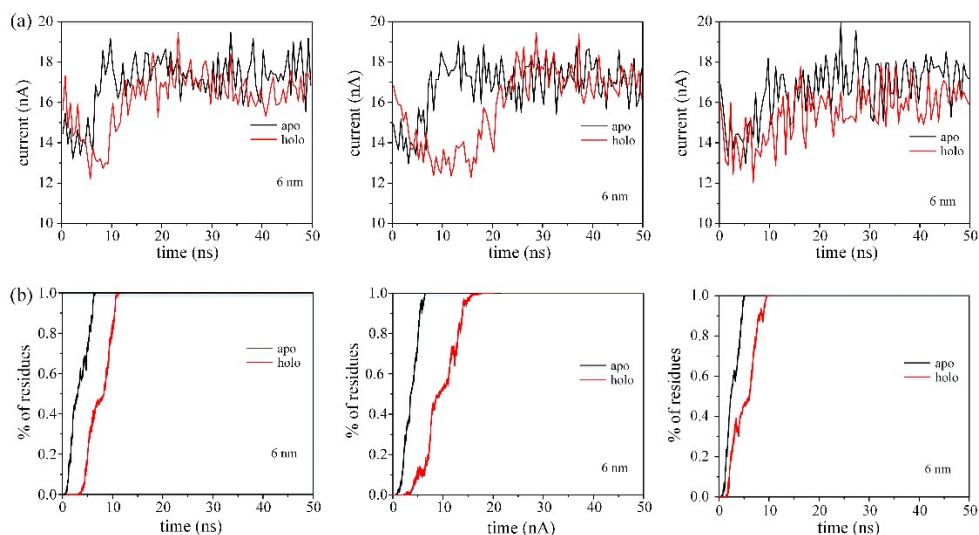


Figure S2. Replicate 2 of CaMs translocation behavior in silicon nitride nanopore with different of 6 nm for three replicated simulations at bias voltage 600 mV. (a) Typical current-time traces for apo-CaM and holo-CaM. (b) The percentage of the CaMs residues transported through the midplane of the Si_3N_4 membrane (% of residues) versus simulation times t .