

A mechanical nanogate based on a carbon nanotube for reversible control of ion conduction

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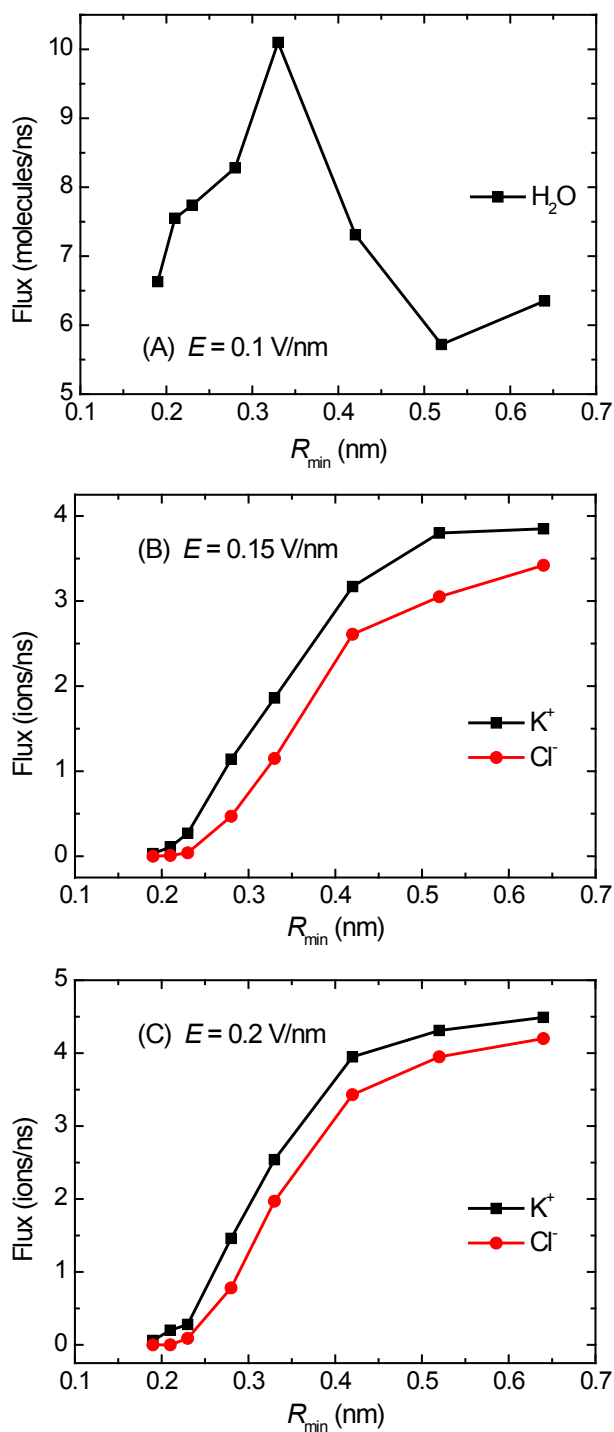


Figure S1. Water flux through CNT(12,12) with different deformation under $E = 0.1$ V/nm (A). Ionic flux of K^+ and Cl^- through CNT(12,12) with different deformation under $E = 0.15$ V/nm (B) and $E = 0.2$ V/nm (C). R_{\min} is the effective radius of the constriction.