

Supporting Info:

Experimental Measurement of Surface Charge Effects on the Stability of a Surface-Bound Biopolymer

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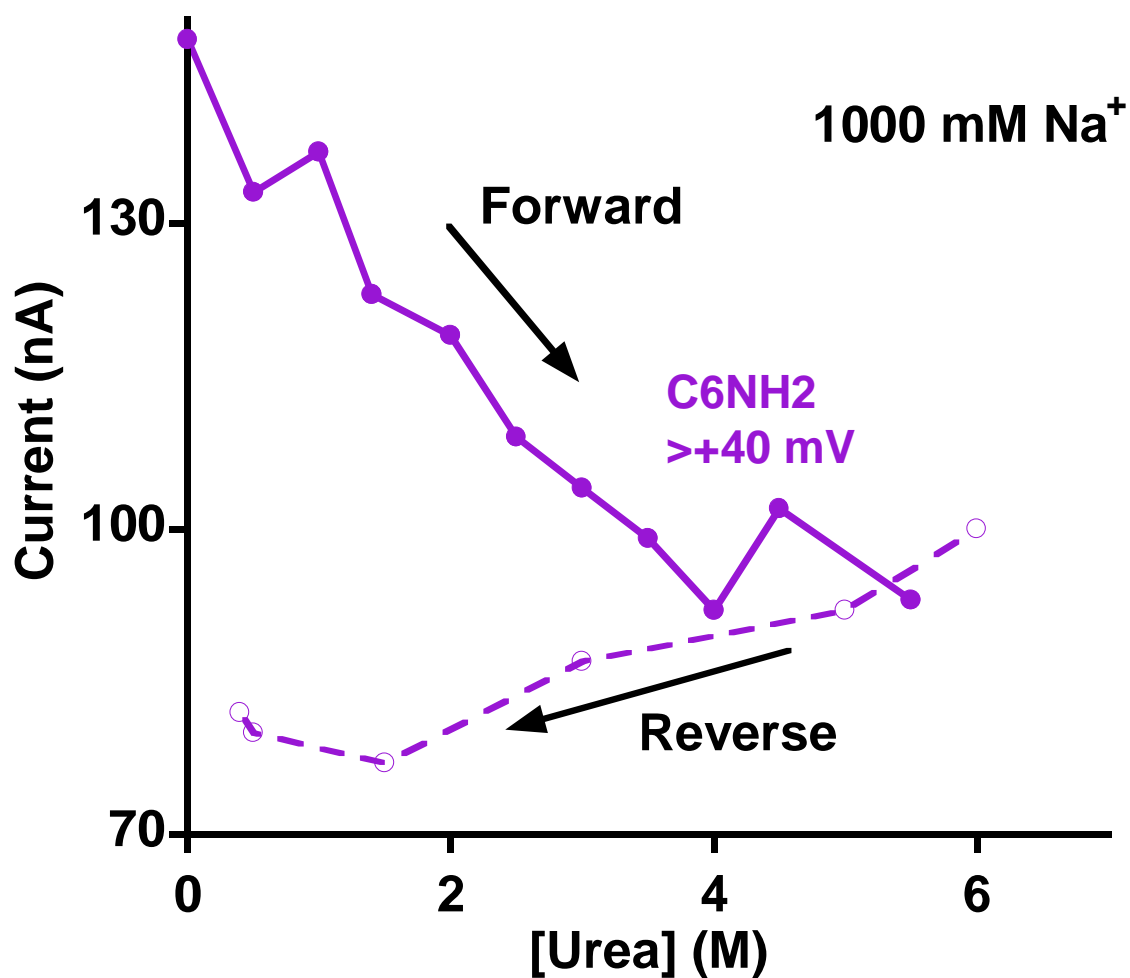


Figure S1. The stability of the surface-tethered stem loop is a strong function of the charge of the surface to which it is tethered. The stability of the stem-loop decreases as it is attached to surfaces of increasingly negative surface charge. (Fig. 2) In contrast, when the stem loop is attached to the positively charged surface of a C6NH2 SAM we do not observe any reversible urea-induced transition, even at very high ionic strength.