

Study of DNA adsorption on mica surfaces using a surface force apparatus

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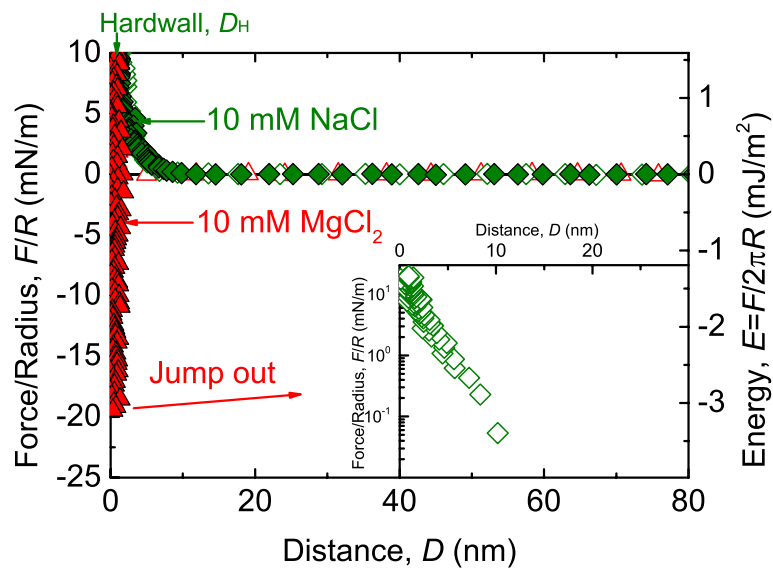


Figure S1. Force-distance profiles between DNA layer and mica when DNA was initially incubated on mica in the buffer solution containing 10 mM of NaCl. After DNA adsorption (\blacklozenge), the buffer solution was replaced by 10 mM MgCl_2 (\blacktriangle). Inset shows the semi-log plot of the in-run data in 10 mM NaCl.

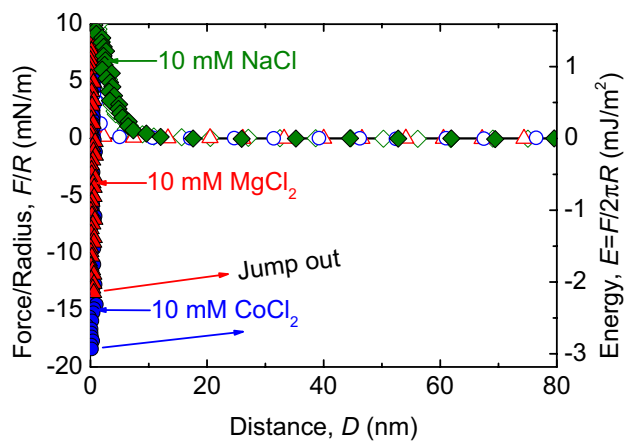


Figure S2. Force-distance profiles between two bare mica surfaces in 10 mM of NaCl (\blacklozenge), MgCl_2 (\blacktriangle) and CoCl_2 (\bullet), respectively.