

Figure S1. DNA extension-time curve measured by MT in DNA releasing and stretching process at different concentration of Mg²⁺ in 10mM Tris. (a),(b):3mM Mg²⁺,pH=3.0. (c),(d):100mM Mg²⁺, pH=3.0.

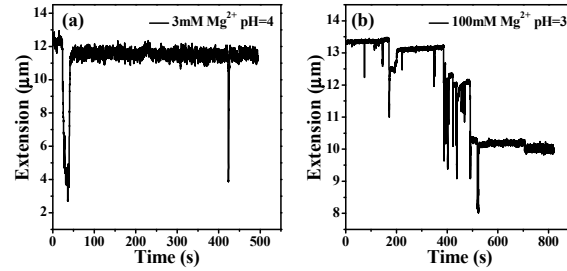


Figure S2. DNA extension-time curve measured by MT in DNA releasing and stretching process at different concentration of Mg²⁺ and pH value.(a):3mM Mg²⁺, pH=4.0.(b):100mM Mg²⁺,pH=3.0.