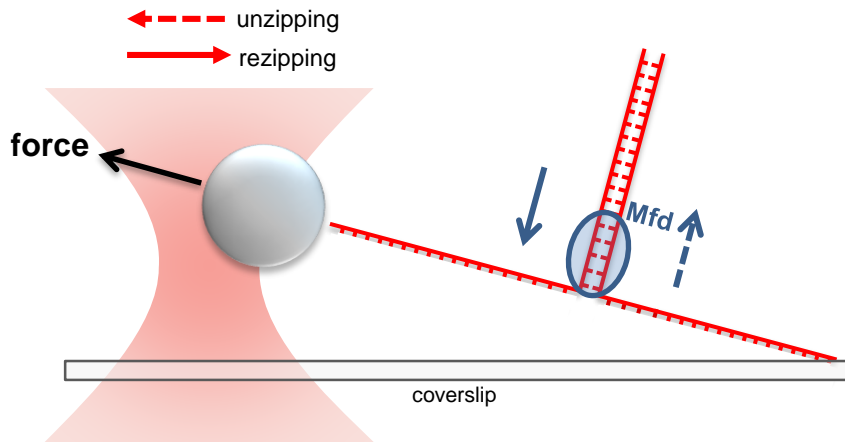


Figure S1

(A)

Coat surface with antidig → Passivate surface with casein → Tether DNA to the surface → Flow in streptavidin coated beads → Flush out free beads & flow in Mfd and ATP

(B)



(C)

Mfd's translocation on dsDNA in 2 mM ATP

