Supplemental Data

Visualization of Rad54, a Chromatin

Remodeling Protein, Translocating

on Single DNA Molecules

Ichiro Amitani, Ronald J. Baskin, and Stephen C. Kowalczykowski







Position of pause, reversal, or velocity change (bp)

Figure S2. The locations of Rad54 pauses, reversals, and velocity changes on λ DNA are random. The direction of translocation prior to the discontinuity is indicated.



Figure S3. The stationary lag time prior to translocation is dependent on ATP concentration. Individual Rad54 molecules that traveled downstream (∇) or upstream (Δ) are plotted separately, as well as the mean value for all molecules (•), with its standard deviation.