

Supplementary Information

Title:

Multiscale method for modeling binding phenomena involving large objects: application to kinesin motor domains motion along microtubules

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Video captions:

Movie 1: Monte Carlo pathway for an N-kinesin motor (PDBID: 1vfv) along the microtubule.

Movie 2: Monte Carlo pathway for a C-kinesin motor (PDBID: 2h58) along the microtubule.

Movie 3: Monte Carlo pathway for Cin8 motor along the microtubule.

Movie 4: Monte Carlo pathway for a nanoparticle along the microtubule.