## **Single-Molecule Tracking of Inositol Trisphosphate Receptors Reveals Different Motilities and Distributions**

Ian F. Smith, 1,\* Divya Swaminathan, George D. Dickinson, and Ian Parker 1,2

<sup>1</sup>Department of Neurobiology and Behavior and <sup>2</sup>Department of Physiology and Biophysics, University of California, Irvine, Irvine, California

Supplemental Material

Movie S1: Random Motility of IP<sub>3</sub>R Molecules in the ER of a COS7 Cell

The ER network was visualized by autofluorescence, and an average of 100 frames is shown in green. Red dots indicate individual red-converted mEos2-IP<sub>3</sub>R1 molecules.