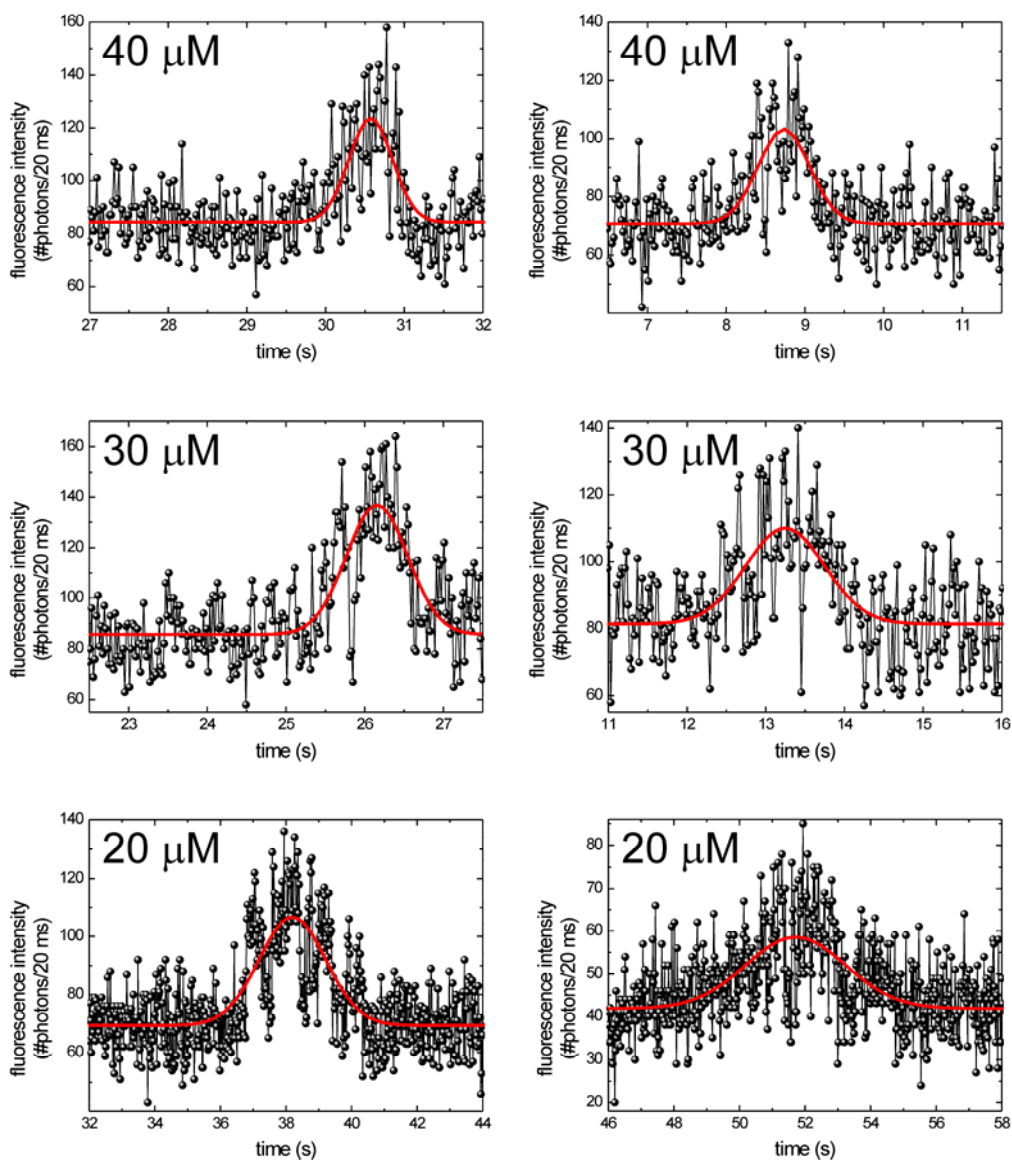


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**Supporting Material**

**Alternating-Site Mechanism of Kinesin-1 Characterized by Single-Molecule FRET Using  
Fluorescent ATP Analogues**

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**Supplemental figure 1.** Time traces of the donor fluorescence intensity of single-labelled kinesins walking through the confocal spot, in the presence of 20, 30 or 40 μM fluorescent ATP. Solid red lines represent Gaussian fits.