**Chemistry & Biology**

**Supplemental Information**

**Optogenetic Control of Molecular Motors and Organelle Distributions in Cells**

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**Inventory of Supplemental Information**

**Figure S1, Related to Results**

**Figure S2, Related to Figure 2**

**Figure S3, Related to Experimental Procedures**

**Figure S4, Related to Results**

**Figure S5, Related to Figure 3**

**Figure S6, Related to Discussion**

**Table S1. Plasmid Construction. Related to Experimental Procedures**

**Movie S1. Related to Figure 2**

**Movie S2. Related to Figure 2**

**Movie S3. Related to Figure 4**

**Movie S4. Related to Figure 4**

**Movie S5. Related to Figure 5**