

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: High Temporal Resolution System Video. High temporal resolution mf videos for cells undergoing UV irradiation.

File Name: Supplementary Movie 2

Description: Ultraviolet Irradiation Movie. Representative mf (top) and (bottom) sequences for cells undergoing UV (right) and non-UV (left) irradiation. Cellular paroxysms can be observed in the UV irradiated mf sequence after 12 minutes of irradiation.

File Name: Supplementary Movie 3

Description: Cellular Paroxysm Timing Localization. Movie showing the timing of cellular paroxysms for each pixel within a representative cell. The spatial distribution of this timing shows that the initial motion occurs simultaneously within a single 35ms frame on opposite ends of the cell.