

Supplemental Data

Differing effects of Herpes Simplex Virus 1 and Pseudorabies Virus infection on centrosomal function

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Supplemental Legends

Supplemental Movie S1. Dynamics of MTs plus-ends in a mock-infected cell. HFFF2 cells were transfected with pGFP-hEB3 to mark MTs plus-ends. 16h later, EB3 fluorescence was monitored at 37°C at a rate of 1 frame every 2 seconds for 120 seconds. The movie is shown at 10 frames/second. Frame is 73 μm by 55 μm .

Supplemental Movie S2. Dynamics of MTs plus-ends in a vUL35RFP1D1 infected cell. HFFF2 cells were transfected with pGFP-hEB3 to mark MTs plus-ends. 6h later, they were infected with 1 pfu/cell of vUL35RFP1D1. Infected cells were identified through nuclear VP26RFP fluorescence (not shown). GFP-EB3 fluorescence was monitored 12h later at 37°C at a rate of 1 frame every 2 seconds for 120 seconds. The movie is shown at 10 frames/second. Frame is 127 μm by 74 μm .

Supplemental Movie S3. Dynamics of MTs plus-ends in a mock-infected cell. PK15 cells were transfected with pGFP-hEB3 to mark MTs plus-ends. 12h later, EB3 fluorescence was monitored at 37°C at a rate of 1 frame every 2 seconds for 120 seconds. The movie is shown at 10 frames/second. Frame is 106 μm by 70 μm .

Supplemental Movie S4. Dynamics of MTs plus-ends in a PrV infected cell. PK15 cells were transfected with pGFP-hEB3 to mark MTs plus-ends. 6h later, they were infected with 1

pfu/cell of PrV. Infected cells were subsequently identified by immunostaining using an antibody directed against capsids (not shown). GFP-EB3 fluorescence was monitored 12h after infection at 37°C at a rate of 1 frame every 2 seconds for 120 seconds. The movie is shown at 10 frames/second. Frame is 95 μm by 89 μm .