

Description of Additional Supplementary Files

File name: Supplementary Movie 1

Description: Live-cell imaging of hTERT-RPE1 stably expressing EB3-GFP and H2B-mCherry and treated with DMSO control. Every image was captured at an interval of 3 m. The movie is shown at 5 frames per second (fps). Scale bars, 5 μm .

File name: Supplementary Movie 2

Description: Live-cell imaging of hTERT-RPE1 stably expressing EB3-GFP and H2B-mCherry and treated with Aphidicolin. Every image was captured at an interval of 3 m. The movie is shown at 5 frames per second (fps). Scale bars, 5 μm .

File name: Supplementary Movie 3

Description: Live-cell imaging of hTERT-RPE1 stably expressing EB3-GFP and H2B-mCherry and treated with Wee1i-1. Every image was captured at an interval of 3 m. The movie is shown at 5 frames per second (fps). Scale bars, 5 μm .

File name: Supplementary Movie 4

Description: Live-cell imaging of hTERT-RPE1 stably expressing EB3-GFP and H2B-mCherry and treated with Wee1i-2. Every image was captured at an interval of 3 m. The movie is shown at 5 frames per second (fps). Scale bars, 5 μm .

File name: Supplementary Movie 5

Description: Live-cell imaging of hTERT-RPE1 stably expressing EB3-GFP and H2B-mCherry and treated with Aphidicolin and Wee1i-1. Every image was captured at an interval of 3 m. The movie is shown at 5 frames per second (fps). Scale bars, 5 μm .

File name: Supplementary Movie 6

Description: Live-cell imaging of hTERT-RPE1 stably expressing EB3-GFP and H2B-mCherry and treated with Aphidicolin and Wee1i-2. Every image was captured at an interval of 3 m. The movie is shown at 5 frames per second (fps). Scale bars, 5 μm .