

Description of Additional Supplementary Files

File name: Supplementary Movie 1.

Description: Live cell imaging of wild-type cyclin A2 degradation under unperturbed mitosis for comparison with Supplementary Video 2. Full movie for the exemplary images shown in Figure 1j (top two rows). DNA is shown in magenta together with a bright field image of the cell and eGFP-Cyclin A2 wild-type in green. Time is given as hh:mm.

File name: Supplementary Movie 2.

Description: Live cell imaging of the cyclin A2^{AD2} mutant degradation under unperturbed mitosis. Full movie for the exemplary images shown in Figure 1j (bottom two rows). DNA is shown in magenta together with a bright field image of the cell and eGFP-Cyclin A2 Δ D2 in green. Time is given as hh:mm.

File name: Supplementary Movie 3.

Description: Live cell imaging of wild-type cyclin A2 degradation under unperturbed mitosis for comparison with Supplementary Videos 4, 5.

Full movie for the exemplary images shown in Supplementary Figure 3c (top two rows). DNA is shown in magenta together with a bright field image of the cell and eGFP-Cyclin A2 wild-type in green. Time is given as hh:mm.

File name: Supplementary Movie 4.

Description: Live cell imaging of the cyclin A2^{AKD1A} mutant degradation under unperturbed mitosis. Full movie for the exemplary images shown in Supplementary Figure 3c (middle two rows). DNA is shown in magenta together with a bright field image of the cell and eGFP-Cyclin A2 Δ KD1A in green. Time is given as hh:mm.

File name: Supplementary Movie 5.

Description: Live cell imaging of the cyclin A2 ^{Δ all} mutant degradation under unperturbed mitosis. Full movie for the exemplary images shown in Supplementary Figure 3c (bottom two rows). DNA is shown in magenta together with a bright field image of the cell and eGFP-Cyclin A2 Δ all in green. Time is given as hh:mm.