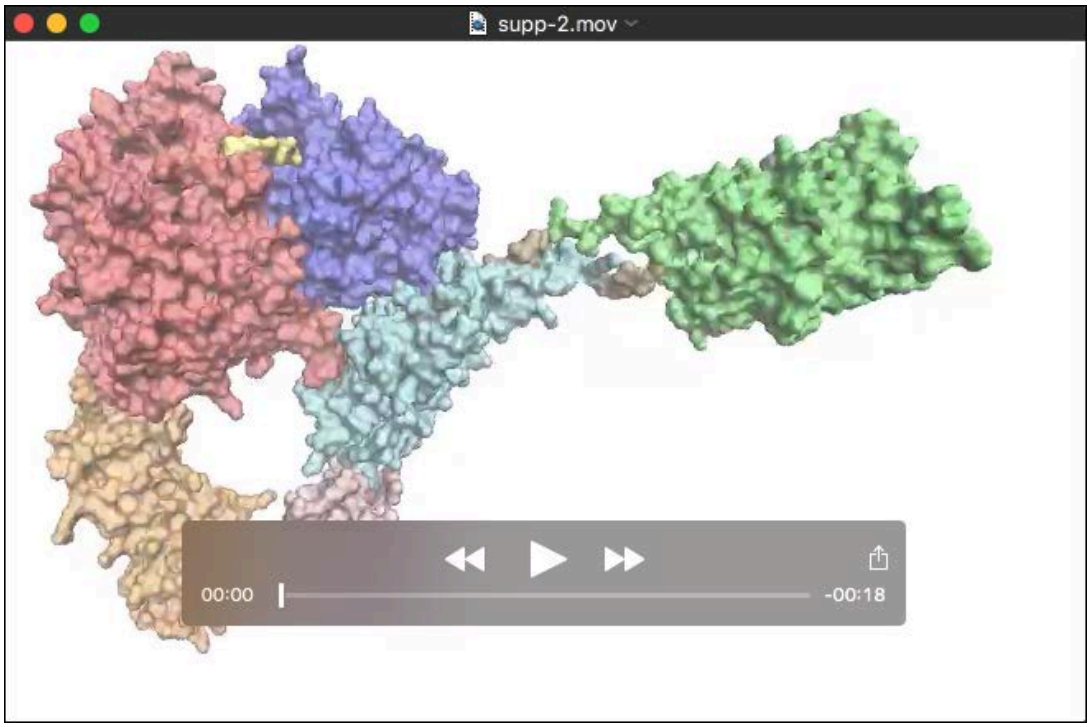
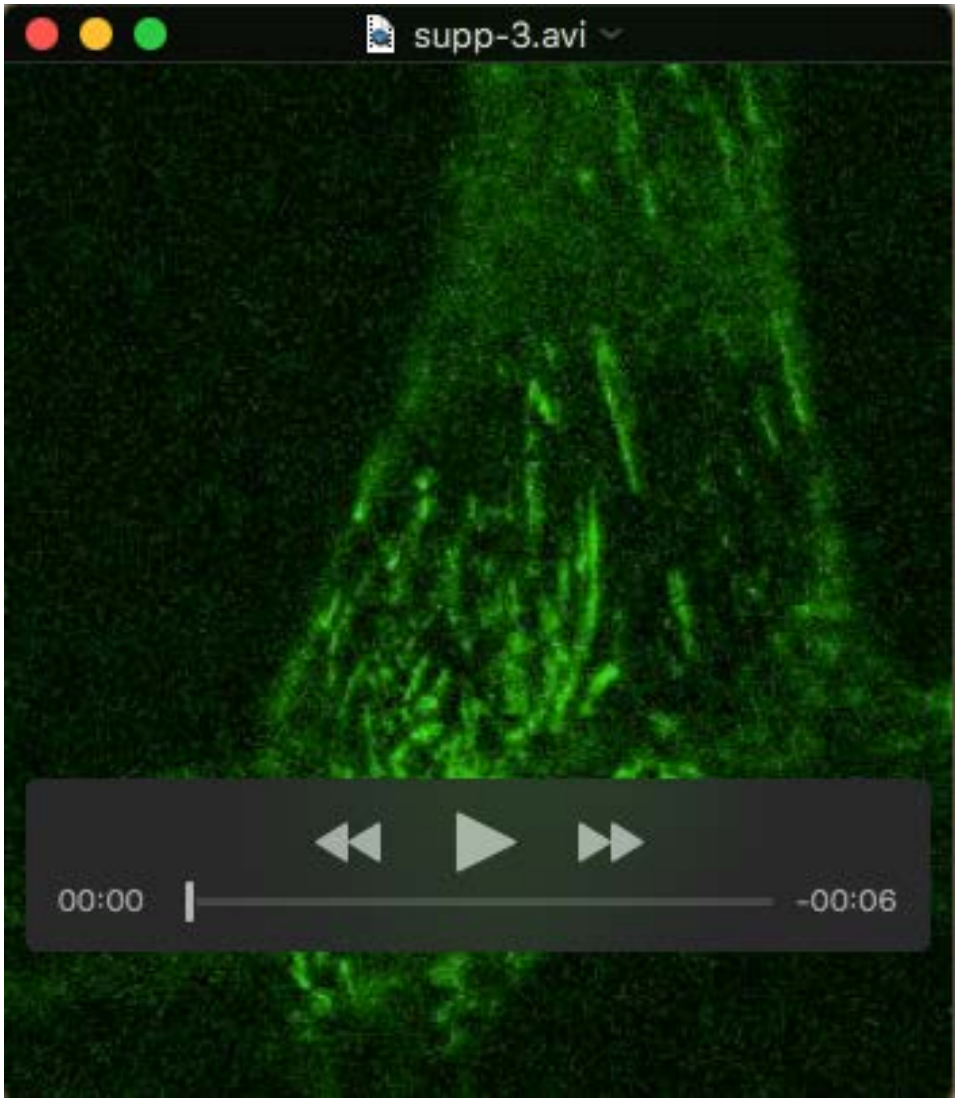
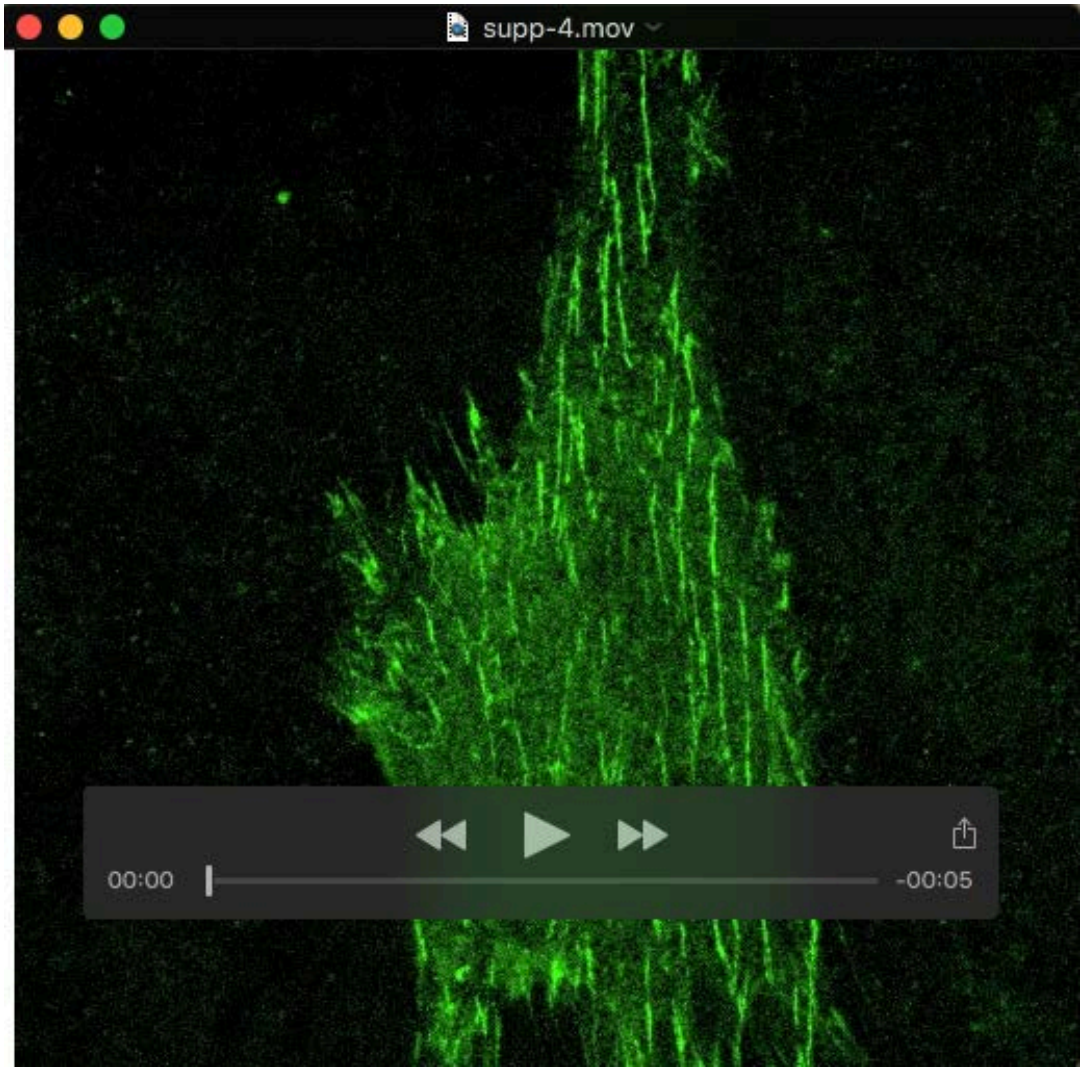


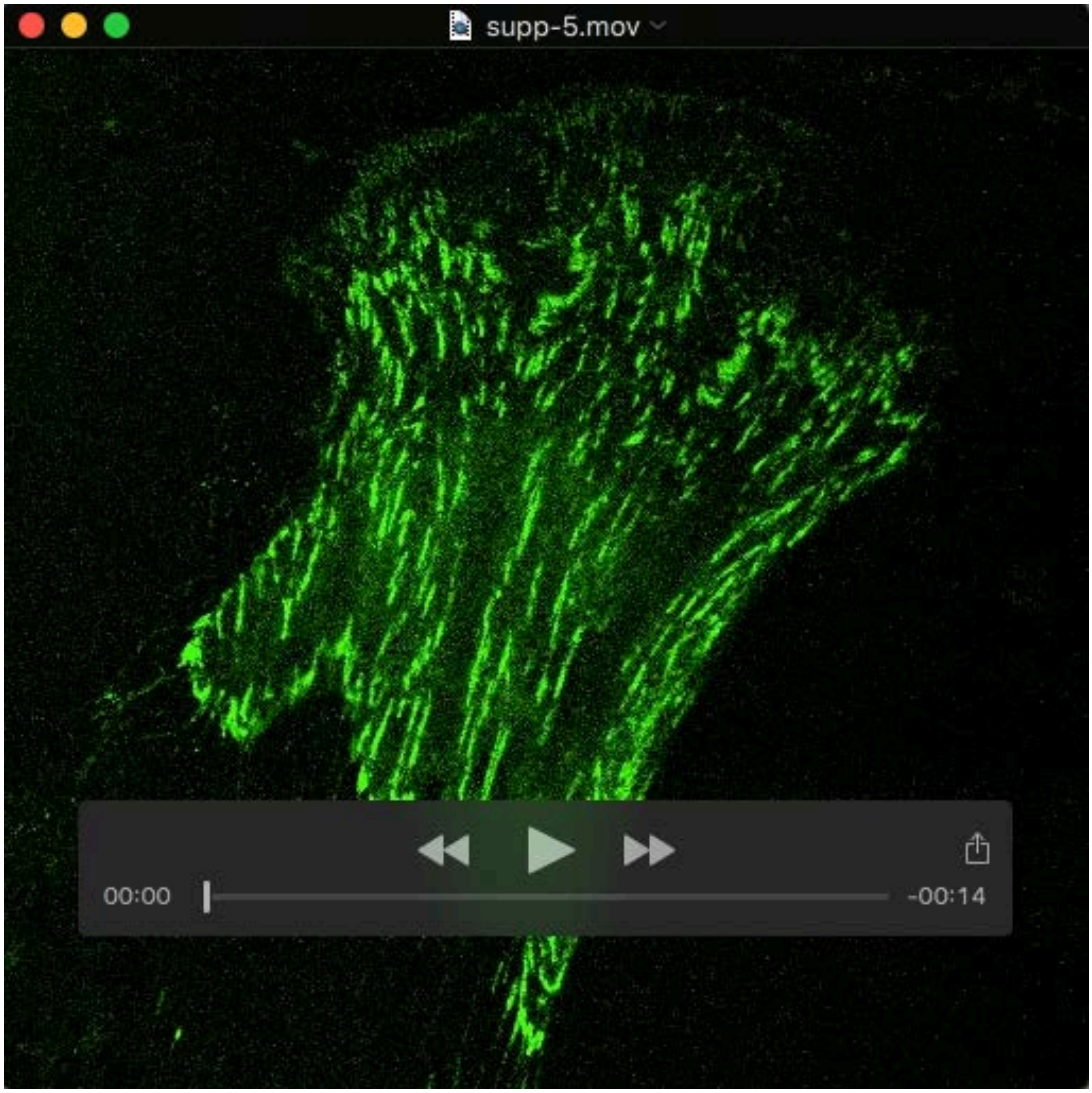
Movie 1 (.mov) to Fig. 1G (structural model of the extracellular tagged GFP-β1-integrin fusion protein). The animation gives a 3D impression of the GFP-tagged (green) ligand-binding domain of α5β1-integrin (RGD-peptide in yellow). Model based on the ligand-binding extracellular fragment of α5β1 corresponding to 3VI4, and green fluorescent protein (GFP) corresponding to 1C4F.



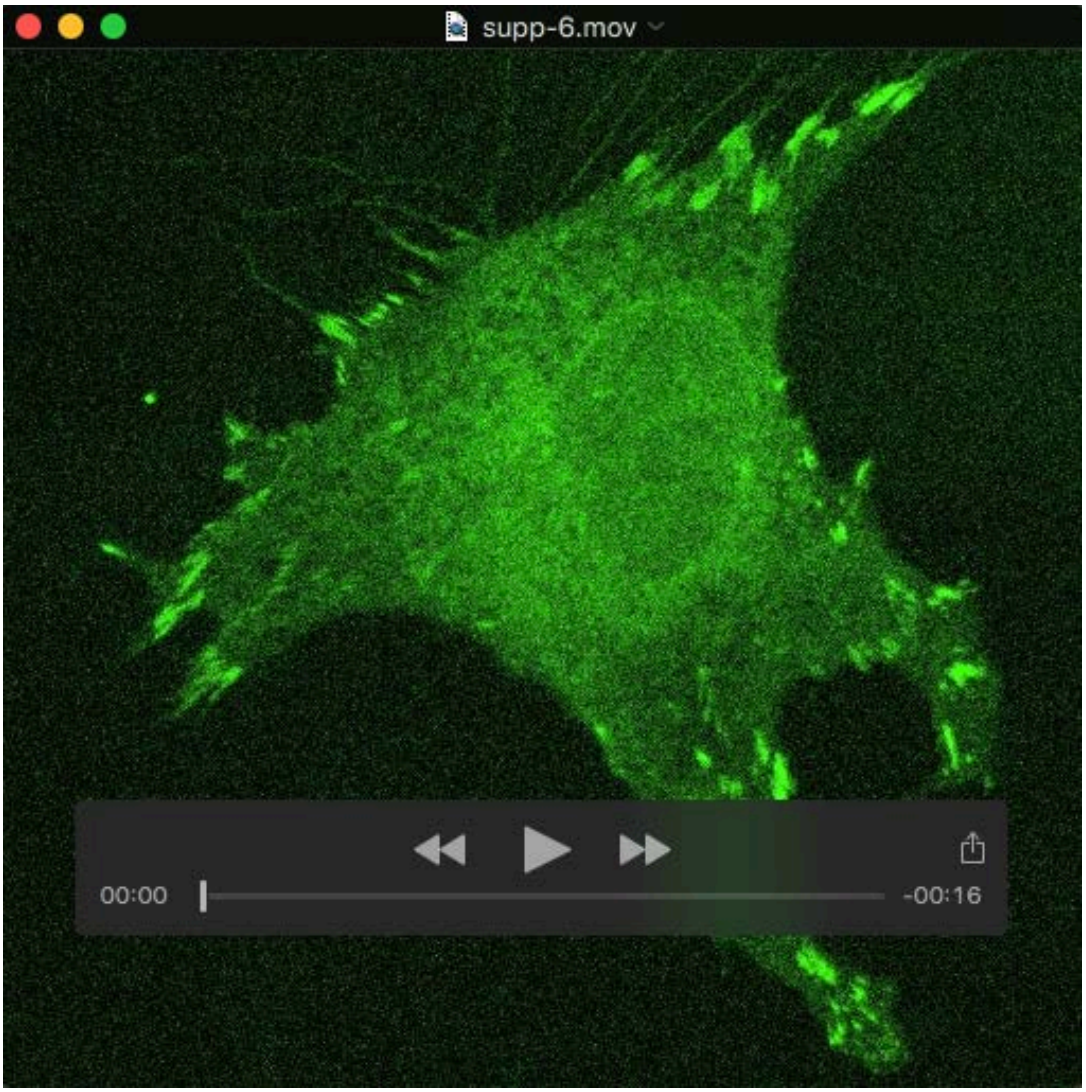
Movie 2 (.avi) to support Fig. 3D. C2C12 cell transiently expressing the GFP-β1D-integrin construct for 72 hrs. Although the recovery of bleached GFP-β1D-integrin structures on the surface of that cell is very slow, the individual GFP-positive fibers move on the surface of the cell (40 seconds between frames).



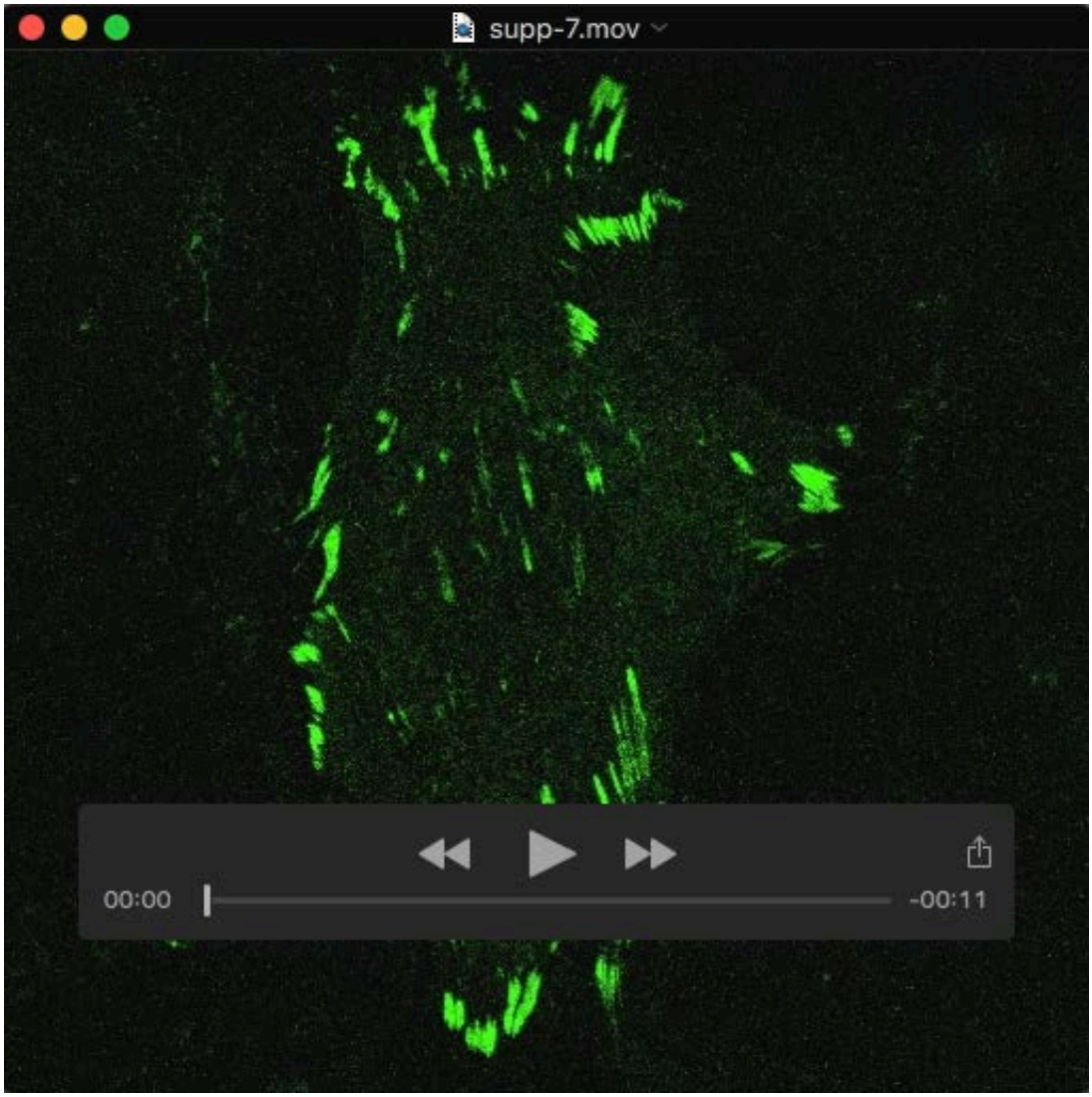
Movie 3 (.mov) to support Fig. 5A. Transiently transfected 3T3 cell expressing the GFP-β1A-integrin construct for 72 hrs. Fluorescent structures are bleached and recovery can be observed over time (40 seconds between frames).



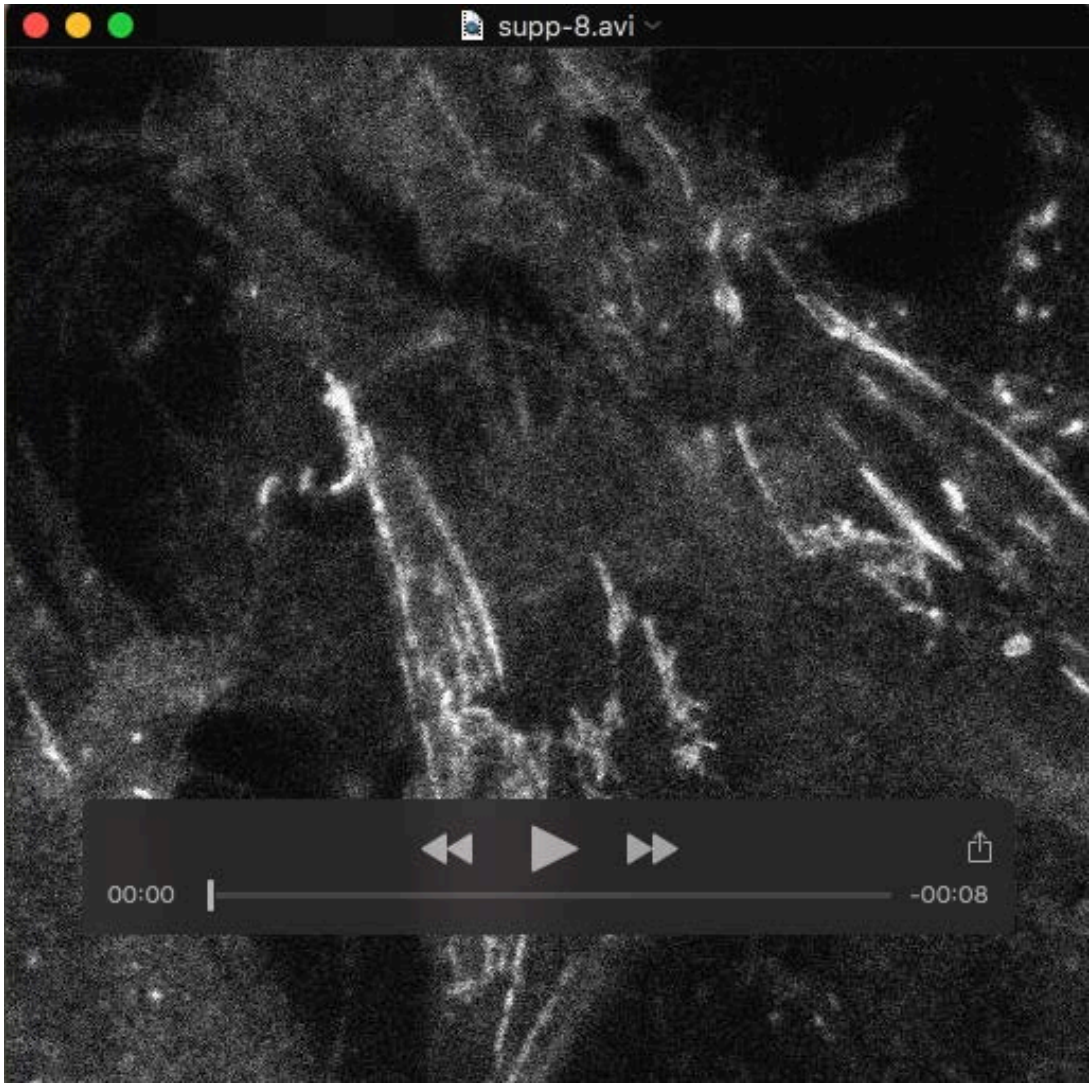
Movie 4 (.mov) to support Fig. 5B. Transiently transfected 3T3 cell expressing the GFP-β1D-integrin construct for 72 hrs. Fluorescent structures are bleached and recovery can be observed over time (40 seconds between frames).



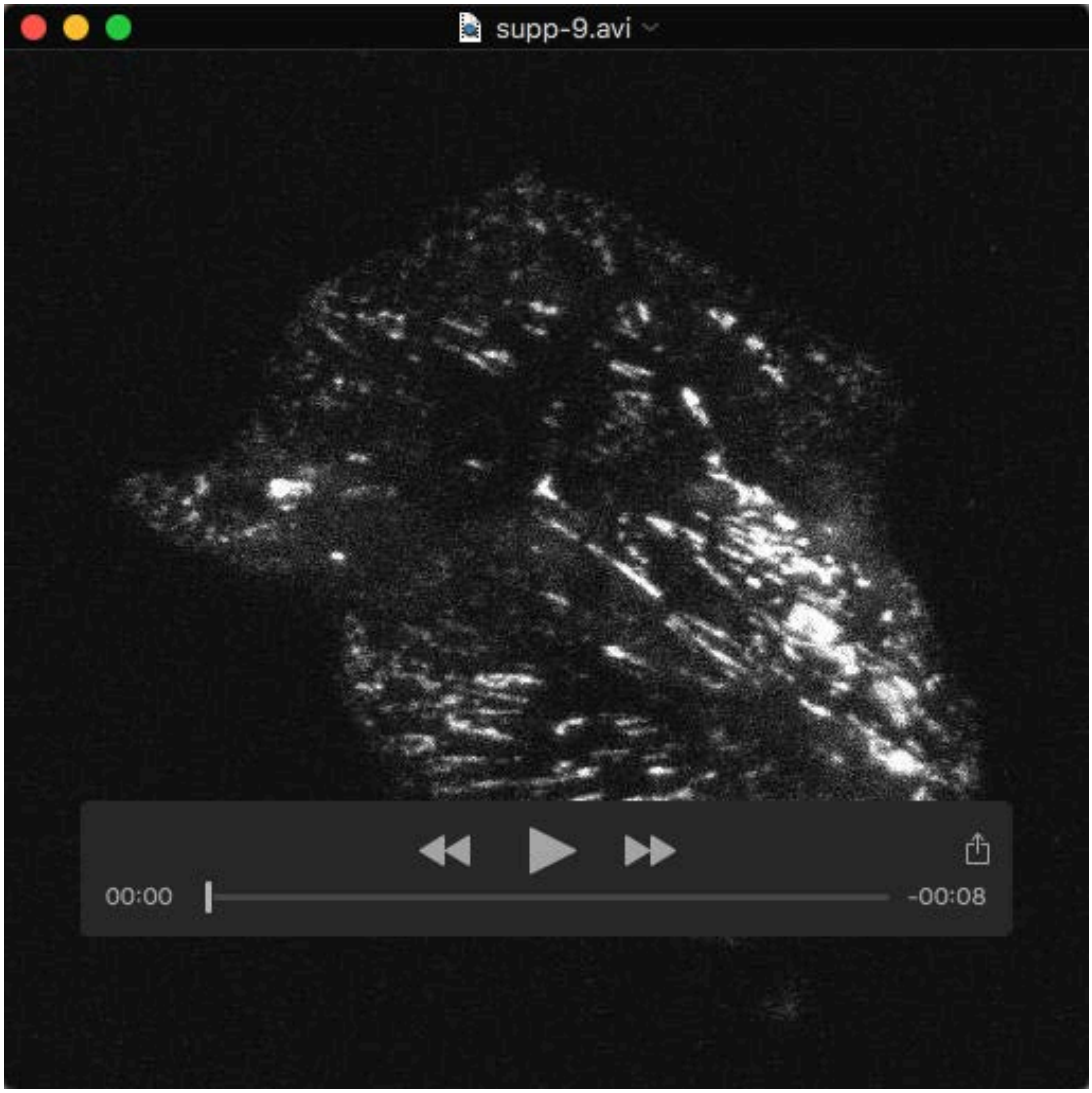
Movie 5 (.mov) to support Fig. 5C. Transiently transfected 3T3 cell expressing the GFP-β1D-P786A-mutant-integrin construct for 72 hrs. Fluorescent structures are bleached and recovery can be observed over time (40 seconds between frames).



Movie 6 (.mov) to support Fig. 5D. Transiently transfected 3T3 cell expressing the β3-GFP-integrin construct for 72 hrs. Fluorescent structures are bleached and recovery can be observed over time (40 seconds between frames).



Movie 7 (.avi) to support Fig. 5F. Representative example of a stably transfected GD25 cell expressing the GFP-β1A-integrin construct. Fluorescent structures are bleached and recovery was followed over time to establish the data in Fig. 5F (20 seconds between frames. Width of field 53μm).



Movie 8 (.avi) to support Fig. 5F. Representative example of a stably transfected GD25 cell expressing the GFP-β1D-integrin construct. Fluorescent structures are bleached and recovery was followed over time to establish the data in Fig. 5F (20 seconds between frames. Width of field 53μm).