

Title: Supplementary Movie 1.

Description: 3D reconstruction of HaloTag-TEV clarified muscle fibers. Following specific labeling of gastrocnemius muscle with Oregon Green Halo ligand, fixation and clarification, a 250- μm -deep Z-stack was obtained using multiphoton microscopy (127 images). Individual images were intensity corrected and the software Imaris was used to produce the 3D animation.