Carrizosa et al.   Legends for Supplemental Videos

SUPPLEMENTAL VIDEOS 1 AND 2. Actin dynamics in control T cells. Jurkat T cells stably expressing GFP-actin were transfected with empty suppression vector. After 72 hours, cells were plated on coverslips coated with anti-CD3 and imaged for 5 minutes. A Z-stack of images near the plane of the coverslip was collected every 5 seconds. Images are displayed as maximum intensity projections, played back at 15 frames/second.

SUPPLEMENTAL VIDEOS 3 AND 4. Actin dynamics in Itk-suppressed T cells. Jurkat T cells stably expressing GFP-actin were transfected with Itk suppression vector. After 72 hours, cells were plated on coverslips coated with anti-CD3 and imaged for 5 minutes. A Z-stack of images near the plane of the coverslip was collected every 5 seconds. Images are displayed as maximum intensity projections, played back at 15 frames/second.

SUPPLEMENTAL VIDEOS 5 AND 6. Actin dynamics in HS1-suppressed T cells. Jurkat T cells stably expressing GFP-actin were transfected with HS1 suppression vector. After 72 hours, cells were plated on coverslips coated with anti-CD3 and imaged for 5 minutes. A Z-stack of images near the plane of the coverslip was collected every 5 seconds. Images are displayed as maximum intensity projections, played back at 15 frames/second.

SUPPLEMENTAL VIDEOS 7 AND 8. PLCγ1 microcluster dynamics in control T cells. Jurkat T cells stably expressing PLCγ1-eYFP were transfected with the empty suppression vector. After 72 hours, cells were plated on coverslips coated with anti-CD3 and imaged for 3

minutes. A Z-stack of images near the plane of the coverslip was collected every 5 seconds.

Images are displayed as maximum intensity projections, played back at 10 frames/second.

SUPPLEMENTAL VIDEOS 9 AND 10. PLCγ1 microcluster dynamics in HS1-suppressed T

cells. Jurkat T cells stably expressing PLCγ1-eYFP were transfected with HS1 suppression

vector. After 72 hours, cells were plated on coverslips coated with anti-CD3 and imaged for 3

minutes. A Z-stack of images near the plane of the coverslip was collected every 5 seconds.

Images are displayed as maximum intensity projections, played back at 10 frames/second.