

Materials List for:

Visualizing Cell-to-cell Transfer of HIV using Fluorescent Clones of HIV and Live Confocal Microscopy

Benjamin Dale¹, Gregory P. McNerney², Deanna L. Thompson², Wolfgang Hübner³, Thomas Huser², Benjamin K. Chen¹

¹Division of Infectious Diseases, Department of Medicine, Immunology Institute, Mount Sinai School of Medicine

²NSF Center for Biophotonics, University of California, Davis

³Structural and Computational Biology Unit, European Molecular Biology Laboratory

Correspondence to: Benjamin K. Chen at Ben.chen@mssm.edu

URL: <https://www.jove.com/video/2061>

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Materials

Name	Company	Catalog Number	Comments
Jurkat T Cells	ATCC		
Leukocyte buffy coats from whole blood	New York Blood Center		
RPMI	Sigma-Aldrich		
Fetal Bovine Serum	Hyclone		
Penicillin/Streptomycin	Invitrogen		
Nucleofector System and Solution V	Lonza Inc.		
EndoFree Maxi Prep Kits	Qiagen		
HIV Gag-iGFP plasmid	Chen Laboratory		
CD4+ T Cell Isolation Kit	Miltenyi Biotec		
Ficoll-Paque	GE Healthcare		
Celltracker/CellTrace Dyes	Invitrogen		
CO ₂ -Independent Media	Invitrogen		
Imaging Chambers	Ibidi		
Olympus IX-71 Inverted Microscope	Olympus Corporation		
PlanApo N 1.42NA 60X oil objective	Olympus Corporation		
Innova 70C ArKr ion gas laser	Coherent Inc.		
CSU-10 Nipkow-type spinning disk confocal unit	Yokogawa		
Di01-T405/488/568/647-13x15x0.5 dichroic beamsplitter	Semrock		
525/50 bandpass filter	Semrock		
iXon+ 897 electron-multiplied charged coupled devise camera	Andor		
ASI 400 Thermostatic Heater	Nevtek		