

Materials List for:

Examining the Conformational Dynamics of Membrane Proteins *in situ* with Site-directed Fluorescence Labeling

Ryan Richards¹, Robert E. Dempski¹

¹Department of Chemistry and Biochemistry, Worcester Polytechnic Institute

Correspondence to: Robert E. Dempski at rdempski@wpi.edu

URL: <https://www.jove.com/video/2627>

DOI: [doi:10.3791/2627](https://doi.org/10.3791/2627)

Materials

Name	Company	Catalog Number	Comments
100W Tungsten Light Source	Carl Zeiss, Inc.		
1B150F-4	World Precision Instruments, Inc.		
3.0-4.0 Ethicon Vicryl	Johnson & Johnson		
475AF40 excitation filter	Omega Optical		
505DRLP dichroic mirror	Omega Optical		
Macherey-Nagel	Omega Optical		
535DF50 excitation filter	Omega Optical		
560DRLP dichroic mirror	Omega Optical		
565ALP emission filter	Omega Optical		
565EFLP emission filter	Omega Optical		
570DRLP dichroic mirror	Omega Optical		
Linos Photonics Inc.	Omega Optical		
Axio Examiner Fluorescence Microscope	Carl Zeiss, Inc.		
Warner Instruments	Life Technologies		
Digidata 1440A data acquisition system	Axon Instruments		
Dpn I	New England Biolabs		
fluorescein-5-maleimide	Invitrogen		
High-Pure PCR Extraction Kit	Roche Group		
mMessage mMachin Kit	Ambion		
MS-222	Sigma-Aldrich		
Nucleospin Plasmid Kit	Macherey-Nagel		
Nanodrop 2000c Spectrophotometer	Thermo Fisher Scientific, Inc.		
PC-10 Micropipette Puller	Narishige International		
pCLAMP 10 Software	Axon Instruments		
PfuTurbo DNA Polymerase	Stratagene, Agilent Technologies		
PIN-022A Photodiode	United Detector Technologies		
Polarized Filters	Linos Photonics Inc.		
QuickChange Site-Directed Mutagenesis Kit	Stratagene, Agilent Technologies		
RC-10 Fluorescence Chamber	Warner Instruments		
tetramethylrhodamine-6-maleimide	Invitrogen		
TOP10 Electrocompetent Cells	Invitrogen		

Turbo Tec-05X amplifier	npi electronic		
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