

Materials List for:

# Multiplexed Single-molecule Force Proteolysis Measurements Using Magnetic Tweezers

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URL: <https://www.jove.com/video/3520>

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## Materials

Name	Company	Catalog Number	Comments
Micro Cover Glass #1.5 (22x22)	VWR	48366-067	
Micro Cover Glass #1.5 (22x40)	VWR	48393-048	
Lambda DNA	Invitrogen	25250-010	
T4 DNA Ligase	Invitrogen	15224-041	
Microcon Ultracel YM-100	Millipore	42413	
Anti-Digoxigenin	Roche Diagnostics	11-333-089-001	
Tween 20	Sigma	P9416-100ML	
Anti-myc Antibody	Invitrogen	46-0603	
Bovine Serum Albumin	Sigma	B4287-5G	
Dynabeads M-280 Streptavidin	Invitrogen	658.01D	
Dynabeads MyOne T1 Streptavidin	Invitrogen	658.01D	
p-Aminophenylmercuric Acetate	Calbiochem	164610	
Biotin-Maleimide	Sigma Aldrich	B1267	
Biotin labeled oligo	IDT DNA	Custom synthesis	
Digoxigenin labeled oligo	IDT DNA	Custom synthesis	
Collagen peptide gene	DNA 2.0	Custom synthesis	
MMP-1 cDNA	Harvard Plasmid Database		
z-translator	Thorlabs	MTS50	
Servo controller for translator	Thorlabs	TDC001	