

Materials List for

Real-Time Quantification of the Effects of IS200/IS605 Family-Associated TnpB on Transposon Activity

Michael Worcester^{*1}, Femila Manoj^{*1,2}, Thomas E. Kuhlman^{1,2,3}

¹Department of Physics and Astronomy, University of California ²Microbiology Program, University of California ³Biophysics Program, University of California

* These authors contributed equally

Corresponding Author

Thomas E. Kuhlman
thomas.kuhlman@ucr.edu

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Materials

Name	Company	Catalog Number	Comments
2 Ton Clear Epoxy	Devcon	31345	
Agarose	Sigma-Aldrich	5066	
Ammonium sulfate	Sigma-Aldrich	AX1385-1	
Anhydrotetracycline hydrochloride	Sigma-Aldrich	37919	
Argon Laser	Melles Griot	35-IMA-840-015	
Blue Filter Cube	Chroma	Ex: Z457/10X, Em: ET485/30M	
D(+)-Glucose	Sigma-Aldrich	G7021	
Eclipse Ti-E Microscope	Nikon		Discontinued
Eppendorf epTIPS Boxes and Refill Trays, Volume: 0.1 to 10 μ L, Length: 3.4 cm, 1.33 in., PP (Polypropylene)	Eppendorf North America Biotools	22491504	
Eppendorf epTIPS Boxes and Refill Trays, Volume: 50 to 1000 μ L, Length: 7.1 cm, 2.79 in., PP (Polypropylene)	Eppendorf North America Biotools	22491555	
Ferrous Sulfate Acs 500 g	Fisher Scientific	706834	
Fiji			Fiji (imagej.net)
Fisher BioReagents LB Broth, Miller (Granulated)	Fisher Scientific	BP9723-2	
Glass Cover Slide	Fisher Scientific	12-542B	
Kanamycin Sulfate	Sigma-Aldrich	1355006	
Magnesium sulfate Cert Ac	Fisher Scientific	XXM63SP3KG	
Microscope Heater	World Precision Instruments	96810-1	
Potassium Phosphate Monobasic	Fisher Scientific	17001H	
ProScan III Stage	Prior		
Red Filter Cube	Chroma	Ex: ET560/40X, Em: ET645/75M	
Sapphire 561 LP Laser	Coherent	1170412	
Slide, Microscope	Fisher Scientific	125535B	

Thiamine Hydrochloride	Sigma-Aldrich (SIAL)	T1270-100G	
Ti-LU4 Laser Launch	Nikon		
Yellow Filter Cube	Chroma	Ex: Z514/10X, Em: ET535/30M	