

Materials List for:

Self-assembly of Complex Two-dimensional Shapes from Single-stranded DNA Tiles

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Materials

Name	Company	Catalog Number	Comments
DNA Strands	Integrated DNA Technology		Section 3.1
SYBR Safe DNA gel stain	Invitrogen	S33102	Section 3.4.2
Freeze'N Squeeze DNA Gel Extraction Spin Columns	BIO-RAD	731-6166	Section 3.6
Bruker's Sharp Nitride Lever Probes	Bruker AFM Probes	SNL10	Section 4.3
Safe Imager 2.0 Blue Light Transilluminator	Invitrogen	G6600	Section 3.6
Centrifuge 5430R	Eppendorf	5428 000.414	Section 3.6
Transmission Electron Microscope	Jeol	Jem 1400	Section 7.4
Multimode 8	Veeco		Section 4
Typhoon FLA 9000 Laser Scanner	GE Healthcare Life Sciences	28-9558-08	Section 3.5
Ultrapure Distilled water	Invitrogen	10977-023	Section 3.7.1
Mica disk	SPI Supplies	12001-26-2	Section 4.1
Steel mounting disk	Ted Pella, Inc.	16218	Section 4.1
carbon coated copper grid for TEM	Electron Microscopy Sciences	FCF400-Cu	Section 7.2
tweezers	Dumont	0203-N5AC-PO	Section 7.31
glow discharge system	Quorum Technologies	K100X	Section 7.2
DNA Engine Tetrad 2 Peltier Thermal Cycler	BIO-RAD	PTC-0240G	Section 3.3
Owl Easycast B2 Mini Gel Electrophoresis Systems	ThermoScientific	B2	Section 3.4.3
Seekam LE Agarose 500G	Lonza	50004	Section 3.4.1
GeneRuler 1kb Plus DNA Ladder, Ready-To-Use 75-20000bp	ThermoScientific	SM1333	Section 3.4.4
Nanodrop 2000c UV-vis Spectrophotometer	ThermoScientific		Section 3.7
0.2 um filter	Corning Inc.	431219	Section 7.1.2