

Materials List for:

Reconstitution of Cell-cycle Oscillations in Microemulsions of Cell-free *Xenopus* Egg Extracts

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Materials

Name	Company	Catalog Number	Comments
<i>Xenopus laevis</i> frogs	Xenopus-I Inc.		
QIAprep spin miniprep kit	QIAGEN	27104	
QIAquick PCR Purification Kit (250)	QIAGEN	28106	
mMESSAGE mMACHINE SP6 Transcription Kit	Ambion	AM1340	
BL21 (DE3)-T-1 competent cell	Sigma-Aldrich	B2935	
Calcium ionophore	Sigma-Aldrich	A23187	
Hoechst 33342	Sigma-Aldrich	B2261	Toxic
Trichloro	Sigma-Aldrich	448931	Toxic
(1H,1H,2H,2H-perfluorooctyl) silane			
PFPE-PEG surfactant	Ran Biotechnologies	008-FluoroSurfactant-2wtH-50G	
GE Healthcare Glutathione Sepharose 4B beads	Sigma-Aldrich	GE17-0756-01	
PD-10 column	Sigma-Aldrich	GE17-0851-01	
VitroCom miniature hollow glass tubing	VitroCom	5012	
Olympus SZ61 Stereo Microscope	Olympus		
Olympus IX83 microscope	Olympus		
Olympus FV1200 confocal microscope	Olympus		
NanoDrop spectrophotometer	ThermoFisher	ND-2000	
0.4 mL Snap-Cap Microtubes	E&K Scientific	485050-B	
PureLink RNA Mini Kit	ThermoFisher (Ambion)	12183018A	
Fisherbrand Analog Vortex Mixer	Fisher Scientific	2215365	
Imaris	Bitplane	Version 7.3	Image analysis software