

Materials List for:

# Use of *Drosophila* S2 Cells for Live Imaging of Cell Division

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## Materials

Name	Company	Catalog Number	Comments
Bright-Line Hemacytometer	Sigma-Aldrich	Z359629-1EA	for cell counting
cellSens imaging software	Olympus		
CELLSTAR Cell Culture Flask, 50 mL, 25 CM2, PS, Red Filter Screw Cap, Clear, Sterile, 10 PCS/BAG	Greiner Bio-One	690175	
CELLSTAR Cell Culture Multiwell Plate, 6 well, PS, Clear, TC, Lid with condensation rings, sterile, single packed	Greiner Bio-One	657160	
Centrifuge 5804 R	eppendorf	Cat. 022623508	
Copper(II) sulfate pentahydrate, minimum 98%	Sigma-Aldrich	C3036-250G	
Corning Fetal Bovine Serum	Fisher Scientific	MT35015CV	
Effectene Transfection Reagent 1 mL	Qiagen	301425	for transient transfection
IX-83 Inverted Epifluorescent Microscope	Olympus		
LabTek Chambered Slide Insert	Applied Scientific Instruments	I-3016	
MEGAscript T7 Transcription Kit	Thermo Fisher Scientific	AM1334	For dsRNA production
MOXI Z Mini Automated Cell Counter Kit	ORFLO	MXZ001	for cell counting
MS-2000 XY Flat-Top Automated Stage and Controller	Applied Scientific Instruments		
Nunc Lab-Tek II Chambered Coverglass (no 1.5 borosilicate glass) 8-well	Thermo Fisher Scientific	155409	
Orca-Flash 4.0 LT Camera	Hamamatsu Photonics K.K.	C11440-42U	
pMT/V5-His A Drosophila Expression Vector	Thermo Fisher Scientific	V412020	
Poly-L-Lysine	Cultrex	3438-100-01	
Purifier Logic+ Class II, Type A2 Biosafety Cabinets	Labconco	302310000	
Schneider's insect medium	Sigma-Aldrich	S0146-100ML	
Spectra Tub Centrifuge Tubes	VWR	470224-998	
Uner Counter BOD Incubator	Sheldon manufacturing (VWR)	89409-346	
X-CITE 120 LED	ExcelitasTechnologies		Led light source
Z-Drift Compensator (ZDC)	Olympus		infrared focus check