

Materials List for:

# Detecting and Characterizing Protein Self-Assembly In Vivo by Flow Cytometry

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URL: <https://www.jove.com/video/59577>

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## Materials

Name	Company	Catalog Number	Comments
96 Well Plate	Axygen	P96-450R-C-S	
ASC 2-92 (mammalian plasmid)		rhm1.0095	Available on request
ASC 2-92 (R41E) (mammalian plasmid)		rhm1.0096	Available on request
ASC 2-92 (R41E) (yeast plasmid)		rhx2432	Available on request
ASC 2-92 (yeast plasmid)		rhx2431	Available on request
Centrifuge	Eppendorf	5430R	"centrifuge" in text
CSM -Ura	Sunrise Science Products	1004-100	
Dextrose	EMD Millipore	DX0145-5	
DMEM	Gibco	11966025	
EDTA	Sigma-Aldrich	EDS-500G	
FCS Express 6	DeNovo	FCS Express 6 Flow	"flow cytometry software" in text
Fetal Bovine Serum	VWR Life Science	45001-108	
Flow Cytometer	BioRad	ZE5	Non-imaging flow cytometer
FUGENE HD	Promega	E2311	"transfection reagent" in text
Galactose	VWR Life Science	0637-500g	
HSPE1 (yeast plasmid)		rhx1531	Available on request
Imaging Flow Cytometer	EMD Millipore	ImageStream X Mark II	"imaging flow cytometer" in text
Mammalian Cells		HEK293T	
mEos3.1 (mammalian plasmid)		rhm1	Available on request
mEos3.1 (yeast plasmid)		rhx0935	Available on request
optiMEM	Gibco	31985062	"reduced serum media" in text
PBS	VWR Life Science	45000-446	
PenStrep	Gibco	15070063	
PFA	Sigma-Aldrich	P6148-1KG	
Photoconversion Lamp	OmniCure	S1000	
Plasmid #54525	Addgene	#54525	"publicly available plasmid" in text
Titramax 1000 Plate Shaker	Heidolph Instruments	1000	"plate shaker" in text
Trypsin-EDTA	Gibco	25200056	
Yeast Strain		rhy1713	Available on request- S288c (MAT $\alpha$ lyp1 $\Delta$ can1 $\Delta$ ::STE2pr_SpHIS5 his3 $\Delta$ 1 leu2 $\Delta$ 0 ura3 $\Delta$ 0 met15 $\Delta$ 0 cln3 $\Delta$ 0::GAL1pr_WHI5_hphMX)