

Materials List for:

Investigating the Spreading and Toxicity of Prion-like Proteins Using the Metazoan Model Organism *C. elegans*

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URL: <https://www.jove.com/video/52321>

DOI: [doi:10.3791/52321](https://doi.org/10.3791/52321)

Materials

Name	Company	Catalog Number	Comments
Reagent			
Nanosphere size standards 100 nm	ThermoScientific	3100A	
Levamisole	Sigma	L-9756	
IPTG	Sigma	15502-10G	
Ahringer RNAi library	Source BioScience LifeSciences		http://www.lifesciences.sourcebioscience.com/clone-products/non-mammalian/c-elegans/c-elegans-rnai-library/
Equipment			
Sorvall Legend XTR Refrigerated Centrifuge, 120VAC	ThermoScientific	75004521	http://www.coleparmer.com/Product/Thermo_Scientific_Sorvall_Legend_XTR_Refrigerated_Centrifuge_120VAC/EW-17707-60
96 pin replicator	Scionomix		http://www.scinomix.com/all-products/96-pin-replicator/
HiGro high-capacity, incubating shaker	Digilab		http://www.digilabglobal.com/higro
Multidrop Combi Reagent Dispenser	Titertek		http://groups.molbiosci.northwestern.edu/hta/titertek.htm
Biomek FX AP96 Automated Workstation	Beckman Coulter		http://groups.molbiosci.northwestern.edu/hta/biomek_multi.htm
Innova44 shaker	New Brunswick		http://www.eppendorf.com/int//index.php?sitemap=2.3&pb=d78efbc05310ec04&action=products&contentid=1&catalognode=83389
M205 FA	Leica		http://www.leica-microsystems.com/de/produkte/stereomikroskope-makroskope/fluoreszenz/details/product/leica-m205-fa/
ORCA-R2 C10600-10BDigital CCD camera	Hamamatsu		http://www.hamamatsu.com/jp/en/community/life_science_camera/product/search/C10600-10B/index.html
Spinning Disc AF Confocal Microscope	Leica		http://www.leica-microsystems.com/products/light-microscopes/life-science-research/

			fluorescence-microscopes/details/product/leica-sd-af/
Falcon 4M60 camera	Teledyne Dalsa		http://www.teledynedalsa.com/imaging/products/cameras/area-scan/falcon/PT-41-04M60/
Software			
MetaMorph Microscopy Automation & Image Analysis Software	Molecular Devices		http://www.moleculardevices.com/products/software/meta-imaging-series/metamorph.html
Hamamatsu SimplePCI Image Analysis Software	Meyer Instruments		http://meyerinst.com/imaging-software/hamamatsu/index.htm
ImageJ	NIH		http://rsbweb.nih.gov/ij/download.html
wrMTck plugin for ImageJ			http://www.phage.dk/plugins/wrmtck.html
<i>C. elegans</i> strains			
N2 (WT)	Caenorhabditis Genetics Center (CGC)		http://www.cgc.cbs.umn.edu/strain.php?id=10570
AM815 rmls323[myo-3p::sup35(r2e2)::rfp]	Morimoto lab		available from our laboratory
See table 1 for a source for folding sensor and stress reporter strains			