

Materials List for

Monitoring Protein Aggregation Kinetics *In Vivo* using Automated Inclusion Counting in *Caenorhabditis elegans*

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jove.com/video/63365

Materials

Name	Company	Catalog Number	Comments
384-well plate	Greiner	781091	Black with flat clear bottom
AmyloFit	Knowles lab	v2.0	Access at www.amylofit.ch.cam.ac.uk
<i>C. elegans</i> Q40 line A	Morimoto lab	AM1228	Genotype <i>rmls404[unc-54p::Q40::YFP]</i>
<i>C. elegans</i> Q40 line B	Morimoto lab	AM1229	Genotype <i>rmls404[unc-54p::Q40::YFP]</i>
<i>C. elegans</i> Q40 line C	Morimoto lab	AM1230	Genotype <i>rmls404[unc-54p::Q40::YFP]</i>
<i>C. elegans</i> Q40 line D	Morimoto lab	AM1231	Genotype <i>rmls404[unc-54p::Q40::YFP]</i>
CellProfiler	Broad Institute	4.1.3	Downloaded from https://cellprofiler.org
<i>E. coli</i> OP50	Caenorhabditis Genetics Center (CGC)	OP50	
FIJI	Open-source	(Fiji Is Just) ImageJ v2.1/1.5.3j	Downloaded from https://imagej.net/software/fiji/
High-throughput confocal microscope	Yokogawa	CellVoyager CV7000S	
M9 buffer	Home-made		3 g/L KH ₂ PO ₄ , 6 g/L Na ₂ HPO ₄ , 0.5 g/L NaCl, 1 mM MgSO ₄
NGM plates	Home-made		17 g/L agar, 2.5 g/L bacto-peptone, 3 g/L NaCl, 25 mM KPO ₄ buffer pH 6.0, 1 mM MgSO ₄ , 1 mM CaCl ₂ , 5 mg/L cholesterol
Pasteur pipette	WU Mainz	250	To make worm pick, 150 mm length
Platinum iridium wire	Alfa Aesar	39383	To make worm pick, 0.25 mm diameter
Sodium azide	Sigma-Aldrich	S2002	
Stereomicroscope	Leica	S9	