

Materials List for:

Quantification of Lipid Abundance and Evaluation of Lipid Distribution in *Caenorhabditis elegans* by Nile Red and Oil Red O Staining

Wilber Escorcía¹, Dana L. Ruter^{1,2,3}, James Nhan^{1,2}, Sean P. Curran^{1,2}

¹Leonard Davis School of Gerontology, University of Southern California

²Molecular & Computational Biology Section, University of Southern California

³Integrative Program for Biological & Genome Sciences, University of North Carolina at Chapel Hill

Correspondence to: Sean P. Curran at scurran@usc.edu

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Materials

Name	Company	Catalog Number	Comments
Imager.M2m Microscope	Zeiss	n/a	Fluorescence microscope
ERC5s camera	Axiocam	n/a	Color-capable
MRm camera	Axiocam	n/a	Fluorescence-capable
Nile red	Thermo Fisher	N1142	Lipid Stain
Oil red O	Alfa Aesar	A12989	Lipid Stain
DAPI	Thermo Fisher	D1306	DNA stain
Isopropyl Alcohol	BDH	BDH1133-1LP	Fixative solution
0.2 µm sterile syringe filter	VWR	28145-477	Cellulose acetate filter
Centrifuge 5430	Eppendorf	5428000015	Centrifuge
Shaker Rotisserie	Lab Quake	400110Q	Shaker
Tube Rotator	VWR	10136-084	Rotator
K ₂ HPO ₄	Sigma-Aldrich	7758-11-4	NGM
KH ₂ PO ₄	Sigma-Aldrich	7778-77-0	NGM
MgSO ₄	Alfa Aesar	7786-30-3	NGM
CaCl ₂	Sigma-Aldrich	10035-04-8	NGM
NaCl	Sigma-Aldrich	7647-14-5	NGM
Cholesterol	Sigma-Aldrich	57-88-5	NGM
Peptone	BD Biosciences	211677	NGM
Agar	Teknova	L9110	NGM
LB media	Sigma-Aldrich	L3147	Bacterial growth