

Materials List for:

Methods to Assess Subcellular Compartments of Muscle in *C. elegans*

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Materials

Name	Company	Catalog Number	Comments
MitoTracker Red CMXRos (C ₃₂ H ₃₂ Cl ₂ N ₂ O)	Invitrogen	M-7512	Red mitochondrial dye which accumulates based on a negative membrane potential
DMSO	Thermo Scientific	67-63-5	
KH ₂ PO ₄	Sigma	7778-77-0	
Na ₂ HPO ₄	BDH	301584L	
NaCl	Sigma-Aldrich	7647-14-5	
MgSO ₄	Sigma	M-7506	
Microscopy Slides	Starfrost	K220	
Microscopy Cover Slips	VW2 International	631-0124	
1.5 ml Eppendorph Tubes	Fisher Scientific	FB74031	
Dessicator	Nalgene	D2672	
Nikon Microscope	Nikon	H600L	Nikon H600L microscope with proprietary software
Nikon Camera	Nikon	DS-Fi1	Nikon Digital Sight DS-Fi1 digital camera
Zeiss Microscope	Zeiss	Ax10	Zeiss AX10 microscope with an Axiocam MRC digital camera and Axiovision LE software and a triple-pass filter
Plates 9 cm	Starstedt	82-1473	
Plates 6 cm	Gosselin	BP53-01	
Potassium Ferrocyanide	Sigma-Aldrich	14459-95-1	
MgCl ₂	Sigma-Aldrich	7786-30-3	
Na ₃ PO ₄	Sigma-Aldrich	7601-54-9	
5-Bromo-4-chloro-3-indolyl β-D-galactopyranoside	Sigma-Aldrich	7240-90-6	
N,N-dimethylformamide	Sigma-Aldrich	68-12-2	