

Materials List for:

Displacement Analysis of Myocardial Mechanical Deformation (DIAMOND) Reveals Segmental Heterogeneity of Cardiac Function in Embryonic Zebrafish

Junjie Chen¹, René R. S. Packard^{1,2,3}

¹Division of Cardiology, Department of Medicine, David Geffen School of Medicine at University of California, Los Angeles

²Ronald Reagan UCLA Medical Center

³Veterans Affairs West Los Angeles Medical Center

Correspondence to: René R. S. Packard at rpackard@mednet.ucla.edu

URL: <https://www.jove.com/video/60547>

DOI: [doi:10.3791/60547](https://doi.org/10.3791/60547)

Materials

Name	Company	Catalog Number	Comments
Amira6	FEI		Image analyzing software
DAPT	Millipore Sigma	D5942-5MG	
Doxorubicin hydrochloride	Millipore Sigma	D1515-10MG	
Ethyl 3-aminobenzoate methanesulfonate	Millipore Sigma	E10521-10G	Tricaine
MATLAB	MathWorks		Programming environment
MATLAB Image Processing Toolbox	MathWorks		Image processing toolbox