

Video Article

Representative Results Sample

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URL: <http://www.jove.com/video/2001>

DOI: [doi:10.3791/2001](https://doi.org/10.3791/2001)

Keywords:

Date Published: 3/20/2014

Citation: Author, E. Representative Results Sample. *J. Vis. Exp.* (), e2001, doi:10.3791/2001 (2014).

Abstract

Video Link

The video component of this article can be found at <http://www.jove.com/video/2001/>

Protocol

5.1 Representative results of both morpholino injection and mRNA injection are shown here. The non-injected control at 48 hours post fertilization looks normal, as expected.

- LAB MEDIA: #####_PName_Figure1.tif (Replace ##### with your jove video #)

5.2 However, embryos injected with the morpholino blocking expression of a transmembrane protein known to regulate heart development, exhibit brain edema.

- LAB MEDIA: #####_PName_Figure2.tif

5.3 Injection of mRNA also produces an obvious phenotype. The heads of the uninjected controls look normal after 24 hours.

- LAB MEDIA: #####_PName_Figure3.tif

5.4 Conversely, some of the embryos injected with the mRNA exhibit cyclopia.

- -LAB MEDIA: #####_PName_Figure4.jpg

Disclosures

No conflicts of interest declared.