

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
Zebrafish model of human myotubular myopathy	A zebrafish model of myotubular myopathy may be useful for rapidly testing therapeutics. Myotubular myopathy is a congenital myopathy caused by mutations in the <i>myotubularin</i> gene. In the zebrafish model, knockdown of <i>myotubularin</i> resulted in structural defects in muscle and impaired motor function that were similar to the human disease. In the zebrafish model, injection of myotubularin-related protein 1 RNA or myotubularin-related protein 2 RNA was able to functionally compensate for the loss of <i>myotubularin</i> . Next steps include using the zebrafish model to screen for myotubular myopathy therapeutics.	Patent and licensing status undisclosed	Dowling, J.J. <i>et al. PLoS Genet.</i> ; published online Feb. 6, 2009; doi:10.1371/journal.pgen.1000372 Contact: James J. Dowling, University of Michigan Medical Center, Ann Arbor, Mich. e-mail: jamedowl@umich.edu
	<i>SciBX</i> 2(8); doi:10.1038/scibx.2009.337 Published online Feb. 26, 2009		