This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
Canine model of X-linked myotubular myopathy	A Labrador retriever model could guide the development of new therapies for X-linked myotubular myopathy, a genetic disease caused by a defect in myotubularin 1 (MTM1). Muscle biopsies from seven Labrador retrievers with generalized weakness and muscle atrophy showed histological signs of X-linked myotubular myopathy. Genetic sequencing of <i>MTM1</i> in the dogs identified a missense mutation in exon 7 that was not found in healthy dogs. Next steps could include using the model to evaluate treatments for X-linked myotubular myopathy.	Patent and licensing status unavailable	Beggs, A.H. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online Aug. 2, 2010; doi:10.1073/pnas.1003677107 Contact: Alan H. Beggs, The Manton Center for Orphan Disease Research at Children's Hospital Boston, Boston, Mass. e-mail: beggs@enders.tch.harvard.edu
	SciBX 3(32); doi:10.1038/scibx.2010.997 Published online Aug. 19, 2010		