This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
Cystic fibrosis transmembrane conductance regulator (CFTR) knockout ferrets as models for cystic fibrosis-related diabetes	<i>Cftr</i> knockout ferrets could be useful models for cystic fibrosis-related diabetes. <i>Cftr</i> knockout ferrets had mild pancreatic pathology at birth and developed progressive pancreatic inflammation and exocrine pancreas destruction by the first month. The <i>Cftr</i> knockout animals also showed impaired glucose homeostasis and insulin regulation. Next steps include identifying islet cells that express CFTR and characterizing how CFTR modulates insulin secretion.	Model unpatented; available for licensing	Olivier, A.K. <i>et al.</i> <i>J. Clin. Invest.</i> ; published online Sept. 17, 2012; doi:10.1172/JCI60610 Contact: John F. Engelhardt, The University of Iowa, Iowa City, Iowa e-mail: john-engelhardt@uiowa.edu
	SciBX 5(38); doi:10.1038/scibx.2012.1012 Published online Sept. 27, 2012		