This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
Mouse model of sudden unexplained death in epilepsy (SUDEP)	Mice expressing a mutant <i>potassium channel Kv7.1 (Kcnq1)</i> could help identify therapies to prevent SUDEP. In mice carrying <i>Kcnq1</i> point mutations found in patients with long QT syndrome, more frequent cardiac arrhythmias and epilepsy-like cortical discharges occurred than in wild-type controls. All mutant mice experienced convulsive seizures whereas control mice did not. Future studies could use the models to screen for compounds to prevent SUDEP.	Unpatented; available for licensing	Goldman, A. <i>et al. Sci. Transl. Med.</i> ; published online Oct. 14, 2009; doi:10.1126/scitranslmed.3000289 Contact: Jeffrey L. Noebels, Baylor College of Medicine, Houston, Texas e-mail: jnoebels@bcm.tmc.edu
	SciBX 2(42); doi:10.1038/scibx.2009.1582 Published online Oct. 29, 2009		