This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
Mouse model for <i>paired box gene 6</i> (PAX6)-associated neurological and memory deficits	Mice with cortex-specific <i>Pax6</i> knockout could be useful models for identifying new treatments for PAX6-associated neurological disorders. In a series of behavioral tasks evaluating sensory-motor integration, the knockout mice showed deficits in locomotor activity, motor balance/coordination and pain responsiveness compared with controls that expressed functional Pax6. The mutant mice also showed deficits in context- and cue-based fear memory and memory recall compared with controls. Next steps include additional studies of the neurophysiological phenotypes of the mouse model.	Work unpatented; unavailable for licensing	Tuoc, T.C. <i>et al. J. Neurosci.</i> ; published online July 1, 2009; doi:10.1523/JNEUROSCI.5669-08.2009 Contact: Anastassia Stoykova, Max Planck Institute for Biophysical Chemistry, Goettingen, Germany e-mail: astoyko@gwdg.de
	<i>SciBX</i> 2(27); doi:10.1038/scibx.2009.1094 Published online July 16, 2009		