This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
A library of 472 secreted and transmembrane protein knockout mice	<p>A library of 472 mice that lack expression of genes encoding secreted and transmembrane proteins could be useful for identifying disease targets. A phenotypic analysis of the knockout library showed that most mice had alterations in at least one of the following areas: general metabolism, bone metabolism, cardiovascular function, immune function, neurological function and oncogenesis. Next steps could include using the knockout mice for target identification and preclinical testing.</p> <p>SciBX 3(26); doi:10.1038/scibx.2010.804 Published online July 1, 2010</p>	<p>Patent and licensing status not applicable; the 472 knockout mouse lines are archived at and available from the Mutant Mouse Regional Resource Center at University of California, Davis as frozen germ plasm, embryonic stem cells and live mice</p>	<p>Tang, T. <i>et al. Nat. Biotechnol.</i>; published online June 20, 2010; doi:10.1038/nbt.1644 Contact: Frederic J. de Sauvage, Genentech Inc., South San Francisco, Calif. e-mail: sauvage@gene.com</p>