This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
Mouse model of solute carrier family 29 member 3 (SLC29A3; ENT3)-associated lysosomal storage disorders	Ent3 knockout mice could be used as a model to help develop new treatments for lysosomal storage disorders. Mice lacking Ent3 developed lysosomal storage disorder symptoms, including spontaneous swelling of the lymph nodes and spleen, and had a shorter lifespan compared with wild-type mice. In isolated mouse macrophages, Ent3 was found to maintain lysosome integrity by regulating nucleoside trafficking. Next steps could include using the mouse model to screen for drug candidates. <i>SciBX</i> 5(2); doi:10.1038/scibx.2012.53 Published online Jan. 12, 2012	Patent and licensing status unavailable	Hsu, C.-L. <i>et al. Science</i> ; published online Dec. 15, 2011; doi:10.1126/science.1213682 Contact: Flavius Martin, Genentech Inc., South San Francisco, Calif. e-mail: martin.flavius@gene.com