This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Assays & screens			
Fluorescent reporter-expressing dengue virus	<p>Fluorescent reporter-expressing dengue virus could be useful for screening and evaluating therapeutic candidates to treat the disease. A serotype-2 dengue virus was engineered to express GFP or firefly luciferase. In mice, fluorescence imaging showed that the engineered reporter virus primarily localized to lymphoid and gut tissues. An expression screening system using human hepatoma cells infected with the engineered virus showed that 12 interferon (IFN)-stimulated genes from a library of over 350 such genes inhibited viral replication. Next steps could include using the fluorescent reporter virus in studies to evaluate compounds that modulate IFN-stimulated genes.</p> <p>SciBX 5(35); doi:10.1038/scibx.2012.939 Published online Sept. 6, 2012</p>	Patent and licensing status unavailable	<p>Schoggins, J.W. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online Aug. 20, 2012; doi:10.1073/pnas.1212379109 Contact: Charles M. Rice, The Rockefeller University, New York, N.Y. e-mail: ricec@rockefeller.edu</p>