This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
Antibody regions required for broadly neutralizing HIV antibody activity	<i>In vitro</i> and structural studies identified new regions of antibodies against HIV that could contribute to their broadly neutralizing activity. Somatic mutations were found more frequently in a panel of broadly neutralizing anti-HIV antibodies than in a panel of antibodies with more limited neutralizing activity. In broadly neutralizing antibodies, mutations in IgG structural framework regions were identified that do not make contact with HIV antigens but are still required for the broadly neutralizing activity. Next steps could include analyzing these regions when assessing responses to HIV vaccines.	Patent and licensing status unavailable	Klein, F. <i>et al. Cell</i> ; published online March 28, 2013; doi:10.1016/j.cell.2013.03.018 Contact: Michel C. Nussenzweig, The Rockefeller University, New York, N.Y. e-mail: nussen@mail.rockefeller.edu
SciBX 6(14); doi:10.1038/scibx.2013.350 Published online April 11, 2013			