This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Assays & screens			
Immunosignature diagnosis platform	<p>Immunosignature profiles could be used to diagnose or classify various human diseases. A microarray made of 10,000 random-sequence peptides binds antibodies in patient blood samples and produces a pattern of bound peptides that represent an immunosignature. In a 1,500-patient screen, the 10,000-peptide microarray classified 14 different types and stages of cancer with at least 95% accuracy. Next steps include using the platform for early detection of breast cancer.</p> <p><i>SciBX</i> 7(32); doi:10.1038/scibx.2014.962 Published online Aug. 21, 2014</p>	Patented; licensed to HealthTell Inc.	<p>Stafford, P. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online July 14, 2014; doi:10.1073/pnas.1409432111 Contact: Phillip Stafford, Arizona State University Biodesign Institute, Tempe, Ariz. e-mail: phillip.stafford@asu.edu</p>