This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Assays & screens			
Mass spectrometry-based detection of serum human leukocyte antigen (sHLA)-bound peptides for identifying cancer cell-derived peptides	<p>A mass spectrometry method for analyzing sHLA-bound peptides may help identify biomarkers of hematological cancers. In multiple myeloma, acute myeloid leukemia and acute lymphoblastic leukemia patients, peptides bound to serum sHLA correlated with peptides bound to sHLA in the membrane of cancer cells. Next steps include increasing the number of peptides identified from each plasma sample and analyzing plasma samples from a large cohort of cancer patients to test the detection method over the course of disease.</p> <p>SciBX 3(43); doi:10.1038/scibx.2010.1303 Published online Nov. 4, 2010</p>	Patent application filed; available for licensing	<p>Bassani-Sternberg, M. <i>et al.</i> <i>Proc. Natl. Acad. Sci. USA</i>; published online Oct. 25, 2010; doi:10.1073/pnas.1008501107</p> <p>Contact: Arie Admon, Technion-Israel Institute of Technology, Haifa, Israel e-mail: admon@tx.technion.ac.il</p>