This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Assays & screens			
High throughput tyrosine kinase phosphorylation screen	<p>A bead-based screen for profiling tyrosine kinase phosphorylation events could identify new targets for cancer. Beads displaying tyrosine kinase antibodies were used to isolate tyrosine kinases from whole-protein cell lysates. Subsequently, their phosphorylation status was probed by flow cytometry using a phosphotyrosine-specific antibody. Application of the method to samples from glioblastoma multiforme (GBM) patients yielded a potential new target, v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian) (SRC). The report also provides tyrosine kinase activation profiles for 130 human cancer cell lines.</p> <p>SciBX 2(3); doi:10.1038/scibx.2009.115 Published online Jan. 22, 2009</p>	Unpatented; licensing status undisclosed	<p>Du, J. <i>et al. Nat. Biotechnol.</i>; published online Dec. 21, 2008; doi:10.1038/nbt.1513</p> <p>Contact: Todd R. Golub, Massachusetts Institute of Technology, Cambridge, Mass. e-mail: golub@broad.mit.edu</p>