This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Assays & screens			
A targeted sequencing method to identify genetic alterations in fixed tumor samples	Targeted sequencing of clinical tumor samples could help guide treatment decisions for cancer patients. A DNA sequencing protocol was optimized to sequence 137 cancer-associated genes and 79 polymorphisms predicting sensitivity or resistance to chemotherapy. In tumor tissue from 3 breast cancer and 7 colon cancer patients, at least 1 genetic alteration that predicted response was identified in 90% of the samples. Next steps include establishing clinical protocols to begin using this method in patients in 2012, as well as expanding the panel to include known genomic rearrangements.	Unpatented; licensing status not applicable	Wagle, N. <i>et al. Cancer Disc.</i> ; published online Nov. 7, 2011; doi:10.1158/2159-8290.CD-11-0184 Contact: Levi A. Garraway, Dana-Farber Cancer Institute, Boston, Mass. e-mail: levi_garraway@dfci.harvard.edu
	SciBX 4(46); doi:10.1038/scibx.2011.1303 Published online Dec. 1, 2011		