This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Markers			
Map of disease gene regulation by noncoding DNA	A genomic study identified noncoding DNA sequences that regulate the expression of disease-related genes and might provide targets that affect disease progression. In a panel of 349 healthy cell and tissue samples, 419 chromosomal sites identified as having a disease-related effect in prior genomewide association studies also regulated the expression of distant genes. Genes regulated by the variants included known disease-associated transcriptional pathways as well as genes that had not previously been linked to disease. Next steps include validating putative disease genes in cell culture and animal models of disease.	Patent pending; available for licensing	Maurano, M.T. <i>et al. Science</i> ; published online Sept. 5, 2012; doi:10.1126/science.1222794 Contact: John A. Stamatoyannopoulos, University of Washington, Seattle, Wash. e-mail: jstam@uw.edu
	SciBX 5(36); doi:10.1038/scibx.2012.969 Published online Sept. 13, 2012		