This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Computational models			
Characterization of genetic determinants of disease risk and response to medical therapy using publicly available sequencing data	Publically available whole-genome sequencing data could help predict disease risk and response to therapy. In a family of four, a reference sequence derived from public sequencing data was used to interpret individual genetic profiles and identify risk factors for embolism, thrombophilia and bleeding in patients receiving blood thinners. Next steps could include establishing sequence accuracy and including high throughput genetic data in electronic medical records. Personalis Inc. uses genome sequencing technology and computational analysis to provide genome interpretation.	Patent applications filed; exclusively licensed to Personalis Inc.	Dewey, F.E. <i>et al. PLoS Genet.</i> ; published online Sept. 15, 2011; doi:10.1371/journal.pgen.1002280 Contact: Euan Ashley, Stanford University, Stanford, Calif. e-mail: euan@stanford.edu
	SciBX 4(38); doi:10.1038/scibx.2011.1075 Published online Sept. 29, 2011		