This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Computational models			
Marker interaction-based algorithms to improve genotype-based disease risk assessment	Including interactions between large groups of markers could be useful for improving disease risk assessment. Using genomewide association study datasets from patients with type 1 diabetes, researchers applied various algorithms to assess disease risk based on genotype. The algorithms, which evaluated not only independent markers found in patient genotypes but also the interactions between those markers, showed better disease risk assessment than algorithms that included only independent markers. Next steps could include using these algorithms to improve disease risk assessment in other disease areas.	Patent and licensing status unavailable	Wei, Z. <i>et al.</i> <i>PLoS Genet.</i> ; published online Oct. 8, 2009; doi:10.1371/journal.pgen.1000678 Contact: Hakon Hakonarson, The Children's Hospital of Philadelphia, Philadelphia, Pa. e-mail: hakonarson@chop.edu
	SciBX 2(42); doi:10.1038/scibx.2009.1581 Published online Oct. 29, 2009		