This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Endocrine disease				
Diabetes	<i>Insulin receptor substrate 1 (IRS1)</i>	<p>Genomewide association studies identified a SNP near the <i>IRS1</i> gene that could help predict susceptibility to type 2 diabetes. An analysis of 14,051 individuals from 3 different populations showed that the rs2943641 SNP located upstream of <i>IRS1</i> was significantly associated with increased risk for type 2 diabetes ($p=9.28 \times 10^{-12}$). Analysis of a separate sample of 14,358 individuals showed that the SNP was associated with insulin resistance and hyperinsulinemia. Next steps could include determining the functional relevance of the SNP variant.</p> <p>SciBX 2(36); doi:10.1038/scibx.2009.1381 Published online Sept. 17, 2009</p>	Patent and licensing status unavailable	<p>Rung, J. <i>et al. Nat. Genet.</i>; published online Sept. 6, 2009; doi:10.1038/ng.443</p> <p>Contact: Oluf Pedersen, University of Southern Denmark, Odense M, Denmark e-mail: oluf@hagedorn.dk</p> <p>Contact: Philippe Froguel, Pasteur Institute, Lille, France e-mail: phillipe.froguel@good.ibl.fr</p> <p>Contact: Robert Sladek, McGill University and Genome Quebec Innovation Centre, Montreal, Quebec, Canada e-mail: sladek@mcgill.ca</p>