This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Markers			
Gene expression-based classifier for late renal transplant failure prediction	<p>A study in humans identified a gene expression signature that could help predict late kidney transplant failure. In kidney biopsies from 105 patients who experienced complications or organ loss 1 year or more after kidney transplant, microarrays identified a panel of 491 genes that were uniquely overexpressed in patients that had suffered organ loss. In biopsies from an independent group of kidney transplant recipients, a classifier based on the findings predicted transplant loss more accurately than standard pathological predictors. Next steps include commercial development of a gene expression profiling platform to detect imminent graft loss.</p> <p>SciBX 3(22); doi:10.1038/scibx.2010.691 Published online June 3, 2010</p>	Diagnostic IP exclusively licensed to Transcriptome Sciences Inc.	<p>Einecke, G. <i>et al. J. Clin. Invest.</i>; published online May 24, 2010; doi:10.1172/JCI41789</p> <p>Contact: Philip F. Halloran, Alberta Transplant Applied Genomics Centre, University of Alberta, Edmonton, Alberta, Canada e-mail: phil.halloran@ualberta.ca</p>