This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Assays & screens			
Protocol for large-scale mutation discovery using targeted genomic enrichment of multiplexed bar-coded samples	Targeted genomic enrichment of pooled samples could help identify new disease-associated mutations. Current methods for mutation discovery use assays that are limited to analyzing single genes or exons. In the new method, a screen of pooled sequencing libraries from 30 mutagenized rats identified genetic variants with over 96% sensitivity and a false positive rate of less than 1 in 8 megabases. Next steps include using the protocol to sequence and analyze pooled exomes from patient samples. SciBX 3(42); doi:10.1038/scibx.2010.1278 Published online Oct. 28, 2010	Work unpatented; licensing not applicable	Nijman, I.J. <i>et al. Nat. Methods</i> ; published online Oct. 17, 2010; doi:10.1038/nmeth.1516 Contact: Edwin Cuppen, Hubrecht Institute, Utrecht, the Netherlands e-mail: e.cuppen@hubrecht.eu