This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Assays & screens			
Single-cell, whole-genome sequencing of patient tumor samples	A protocol for whole-genome, single-cell sequencing could help identify new cancer markers and therapeutic targets. Individual cells were isolated from kidney cancer samples from patients, and the samples' DNA was amplified. Exome sequencing of the amplified DNA identified genetic variability at the single-cell level as well as mutational heterogeneity in several genes that play a role in disease progression. Next steps include additional sequencing studies in diverse tumor types. *SciBX* 5(11); doi:10.1038/scibx.2012.292 Published online March 15, 2012	Patent applications filed for findings in both studies; licensing status undisclosed; available for collaboration	Hou, Y. *et al. Cell*; published online March 2, 2012; doi:10.1016/j.cell.2012.02.028 **Contact:** Jun Wang, BGI-Shenzhen, Shenzhen, China e-mail: wangj@genomics.org.cn **Contact:** Yingrui Li, same affiliation as above e-mail: liyr@genomics.org.cn **Contact:** Xiuqing Zhang, same affiliation as above e-mail: zhangxq@genomics.org.cn Xu, X. *et al. Cell*; published online March 1, 2012; doi:10.1016/j.cell.2012.02.025 **Contact:** Jun Wang, BGI-Shenzhen, Shenzhen, China e-mail: wangj@genomics.org.cn **Contact:** Yingrui Li, same affiliation as above e-mail: liyr@genomics.org.cn **Contact:** Michael Dean, National Institutes of Health, Bethesda, Md. e-mail: deanm@mail.nih.gov