This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Assays & screens			
Quantification of virus in T cells with latent HIV infection	A rapid method for quantifying T cells infected with latent HIV could improve the analysis of clinical samples. In blood from individuals infected with HIV, resting CD4 ⁺ T cells were purified using a bead-based affinity method and then cocultured with a CC chemokine receptor 5 (CCR5; CD195) ⁺ cell line to propagate the virus. Quantitative RT-PCR analysis of the supernatant in the coculture system revealed actively replicating HIV sooner and at a lower detection threshold than a conventional ELISA. Next steps could include using the assay in clinical trials that are evaluating therapies to eradicate latent HIV.	Patent and licensing status undisclosed	Laird, G.M. <i>et al. PLoS Pathog.</i> ; published online May 30, 2013; doi:10.1371/journal.ppat.1003398 Contact: Robert F. Siliciano, The Johns Hopkins University School of Medicine, Baltimore, Md. e-mail: rsiliciano@jhmi.edu
SciBX 6(27); doi:10.1038/scibx.2013.698 Published online July 18, 2013			