This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Assays & screens			
Quantitative analysis of jumonji C domain–containing histone demethylase (JHDM)-targeting compounds	An assay for quantitative analysis of JHDM inhibitor activity could aid the development of lead compounds that target the class of enzymes. A fluorescent analog of a previously identified selective inhibitor of JHDMs was synthesized and used as a tracer molecule in a fluorescence polarization binding assay. The assay enabled quantitative assessments of the binding affinity and inhibitory activity of multiple JHDM chemical probes. Next steps include developing a panel of fluorescence polarization assays for additional JHDMs and using them to determine the specificity of additional JHDM probes.	Unpatented; licensing status not applicable	Xu, W. *et al. J. Med. Chem.*; published online May 30, 2013; doi:10.1021/jm3018628 **Contact:** Xiang Wang, University of Colorado at Boulder, Boulder, Colo. e-mail: xiang.wang@colorado.edu

SciBX 6(25); doi:10.1038/scibx.2013.636
Published online June 27, 2013