This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Chemistry			
High throughput identification of chiral oligomers of pentenoic amides (COPAs) as protein ligands	<p>Screening libraries of COPAs could help identify new lead compounds. A library of 160,000 COPA compounds was synthesized on beads, and the resulting chemical structures could be determined by mass spectrometry. Screening the library against the DNA-binding domain of p53 identified a compound that bound the domain noncovalently at low micromolar concentrations. Next steps include identifying industrial partnerships to advance the compound class.</p> <p>SciBX 4(48); doi:10.1038/scibx.2011.1362 Published online Dec. 15, 2011</p>	Provisional patent application filed; available for licensing or partnering	<p>Aquino, C. <i>et al. Nat. Chem.</i>; published online Nov. 20, 2011; doi:10.1038/nchem.1200 Contact: Glenn C. Micalizio, Scripps Florida, Jupiter, Fla. e-mail: micalizio@scripps.edu Contact: Thomas Kodadek, same affiliation as above e-mail: kodadek@scripps.edu</p>