This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
Arrayed protein libraries for recombinant antibody discovery and optimization	<p>Arrayed libraries of human germline antibody Fabs could aid the discovery and optimization of antibody-based therapeutics. A screen of a library of 10,000 Fabs identified 85 hits against 7 target antigens, each with high nanomolar to micromolar binding affinities. Optimization of two of the hits resulted in Fabs against human delta-like ligand 4 (DLL4) that had low nanomolar binding affinities. Next steps include building larger protein libraries for functional screens.</p> <p>SciBX 3(43); doi:10.1038/scibx.2010.1306 Published online Nov. 4, 2010</p>	<p>Multiple patent applications filed; available for licensing from Fabrus LLC</p> <p>Contact: Chris Wiltshire, Fabrus LLC, La Jolla, Calif. e-mail: cwiltshire@fabrus.net</p>	<p>Mao, H. <i>et al. Nat. Biotechnol.</i>; published online Oct. 24, 2010; doi:10.1038/nbt.1694</p> <p>Contact: Vaughn V. Smider, The Scripps Research Institute, La Jolla, Calif. e-mail: vsmider@scripps.edu</p>