

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Assays & screens			
Isolation of biologically active transmembrane proteins	A retrovirus library-based screen for isolating biologically active transmembrane proteins could help identify new therapeutic peptides. As proof of concept, a screen of a retrovirus library of small proteins containing randomized transmembrane domains identified erythropoietin (EPO) receptor-activating proteins. In cellular assays, the screen found a lead protein that was able to activate human EPO receptors and was structurally unrelated to EPO itself. Next steps include further engineering of the lead protein and optimizing its delivery.	Work unpatented; available for licensing from the Yale University Office of Cooperative Research	Cammett, T.J. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online Feb. 8, 2010; doi:10.1073/pnas.0915057107 Contact: Daniel DiMaio, Yale School of Medicine, New Haven, Conn. e-mail: daniel.dimaio@yale.edu
	SciBX 3(8); doi:10.1038/scibx.2010.257 Published online Feb. 25, 2010		