

### This week in techniques

Approach	Summary	Licensing status	Publication and contact information
<b>Disease models</b>			
<p>Mouse model of psoriasis using epidermis-selective wntless homolog (WLS; EVI; GPR177) knockout</p>	<p>Mouse and human skin sample studies suggest knockout of <i>Evi</i> in the mouse epidermis could model psoriasis. In mice, conditional knockout of the wingless-type MMTV integration site (Wnt) cargo receptor <i>Evi</i> in the epidermis caused features of human psoriasis, including hair loss, skin inflammation and redness and loss of skin barrier function. <i>Evi</i> knockout in the epidermis also increased inflammatory cytokine expression in the skin and immune cell infiltration compared with no knockout. In skin samples from patients with psoriasis, EVI protein and mRNA expression was lower in psoriatic lesions than in healthy skin. Next steps could include using the model to test therapeutics.</p> <p><b>SciBX 6(36); doi:10.1038/scibx.2013.1008</b>  <b>Published online Sept. 19, 2013</b></p>	<p>Patent and licensing status unavailable</p>	<p>Augustin, I. <i>et al. J. Exp. Med.</i>; published online Aug. 5, 2013; doi:10.1084/jem.20121871  <b>Contact:</b> Michael Boutros, German Cancer Research Center, Heidelberg, Germany                      e-mail: <a href="mailto:m.boutros@dkfz.de">m.boutros@dkfz.de</a>  <b>Contact:</b> Iris Augustin, same affiliation as above                      e-mail: <a href="mailto:i.augustin@dkfz.de">i.augustin@dkfz.de</a></p>