This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Markers			
A two-gene signature distinguishes between psoriasis and eczema	Human sample studies suggest a two-gene classifier can be used to distinguish between psoriasis and eczema. In skin samples from a cohort of 24 patients with both psoriasis and eczema, differentially expressed genes in normal, eczema or psoriasis skin samples were identified. In a separate cohort, a two-gene signature classifier, based on upregulation of <i>chemokine CC motif ligand 27 (CCL27)</i> and downregulation of <i>inducible nitric oxide synthase 2 (NOS2; iNOS)</i> , distinguished between psoriasis and eczema. In a third cohort, the classifier-based diagnosis matched clinical and histological diagnosis in 33 of 34 cases. Next steps include validating the signature and establishing its effectiveness based on protein expression. SciBX 7(31); doi:10.1038/scibx.2014.938 Published online Aug. 14, 2014	Patent filed; unavailable for licensing	Quaranta, M. <i>et al. Sci. Transl. Med.</i> ; published online July 9, 2014; doi:10.1126/scitranslmed.3008946 Contact: Kilian Eyerich, Technical University Munich, Munich, Germany e-mail: kilian.eyerich@lrz.tum.de Contact: Stefanie Eyerich, same affiliation as above e-mail: stefanie.eyerich@lrz.tum.de