This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Markers			
Gene signature to predict vaccine immunogenicity	Gene expression studies show that distinct gene signatures generated after vaccination could help predict vaccine immunogenicity. Using data from three separate clinical trials of an intramuscularly delivered influenza vaccine, computational analysis of gene expression profiles of peripheral blood mononuclear cells identified gene signatures that could distinguish high antibody responders from low antibody responders. Next steps could include elucidating gene signatures to predict responses to mucosal vaccines.	Patent application filed for signatures to predict vaccine immunogenicity and/or efficacy; available for licensing through Emory University	Nakaya, H.I. *et al. Nat. Immunol.*; published online July 10, 2011; doi:10.1038/ni.2067 **Contact:** Bali Pulendran, Emory Vaccine Center, Atlanta, Ga. e-mail: bpulend@emory.edu

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