This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Markers			
<i>Chromosome 11 open reading frame 30 (C11orf30), calpain small subunit 1 (CAPNS1; CAPN4), signal transducer and activator of transcription 6 (STAT6) and ankyrin repeat domain 27 (ANKRD27) as diagnostic markers for eosinophilic esophagitis (EoE)</i>	<p>Genomewide association studies identified four genes that could serve as diagnostic markers and/or therapeutic targets for EoE. In a discovery cohort of 603 patients with EoE and 3,637 controls, variants at <i>C11orf30</i>, <i>CAPNS1</i>, <i>STAT6</i> and <i>ANKRD27</i> were associated with the disease.</p> <p>Transcriptome sequencing in esophageal biopsies from 9 patients with EoE and 3 healthy controls found that expression of all four genes differed between the two groups. Next steps could include validating the markers in a larger cohort of patients with EoE.</p> <p>SciBX 7(48); doi:10.1038/scibx.2014.1419 Published online Dec. 18, 2014</p>	Patent and licensing status unavailable	<p>Sleiman, P.M.A. <i>et al. Nat. Commun.</i>; published online Nov. 19, 2014; doi:10.1038/ncomms6593 Contact: Hakon Hakonarson, The Children's Hospital of Philadelphia, Philadelphia, Pa. e-mail: hakonarson@email.chop.edu Contact: Patrick M.A. Sleiman, same affiliation as above e-mail: sleimanp@email.chop.edu</p>