This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Markers			
MicroRNA let-7c (MIRLET7C; let-7c), miR-99a and miR-125b as prognostic markers of luminal breast cancer	<p>Studies in patient samples and cell culture suggest let-7c, miR-99a and miR-125b could serve as prognostic markers in patients with estrogen receptor-positive luminal breast cancers. miRNA profiling showed that levels of let-7c, miR-99a and miR-125b were lower in an estrogen-independent human breast cancer cell line than in the estrogen-dependent human breast cancer cell line from which it was derived. In samples from patients with estrogen receptor-positive luminal breast cancers, low tumor levels of let-7c, miR-99a and miR-125b were associated with poor survival. Next steps could include developing an assay to identify patients with poor prognosis based on let-7c, miR-99a and miR-125b expression.</p> <p>SciBX 7(48); doi:10.1038/scibx.2014.1420 Published online Dec. 18, 2014</p>	Patent and licensing status unavailable	<p>Bailey, S.T. <i>et al. Cancer Res.</i>; published online Nov. 11, 2014; doi:10.1158/0008-5472.CAN-14-1041 Contact: Myles Brown, Dana-Farber Cancer Institute, Boston, Mass. e-mail: myles_brown@dfci.harvard.edu</p>