This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Markers			
Gene expression profiling for glioblastoma multiforme (GBM)	<p>A gene expression signature for the cancer stem cell marker prominin 1 (PROM1; CD133) could help identify patients with aggressive GBM. In tumor samples from GBM patients, DNA microarray analysis identified 214 genes differentially expressed between CD133⁺ cells and CD133⁻ cells. In a retrospective analysis of gene expression datasets from tumor samples, GBM patients with a CD133⁺ gene expression signature had lower survival rates than patients lacking the signature. Next steps include designing clinical trials that use the profile to stratify GBM patients into different subtypes.</p> <p>SciBX 4(6); doi:10.1038/scibx.2011.180 Published online Feb. 10, 2011</p>	Patent application filed; available for licensing	<p>Yan, X. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online Jan. 10, 2011; doi:10.1073/pnas.1018696108</p> <p>Contact: Qiang Tian, Institute for Systems Biology, Seattle, Wash. e-mail: qtian@systemsbiology.org</p> <p>Contact: Leroy E. Hood, same affiliation as above e-mail: rbrookes@systemsbiology.org</p>