

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Markers			
Dipeptidyl peptidase-4 (DPP-4; CD26) as a marker of chronic myelogenous leukemia (CML) stem cells	DPP-4 could be useful as a marker for detecting CML stem cells. In a leukemia stem cell-enriched cellular fraction from patients with CML, gene array and PCR analyses showed that DPP-4 expression was almost entirely restricted to the leukemia stem cell population. Almost 100% of the DPP-4 ⁺ cells isolated from this population expressed the oncogenic BCR-ABL tyrosine kinase fusion protein versus none of the DPP-4 ⁻ cells. Next steps could include validating DPP-4 as a selective and specific marker for CML stem cells in larger patient cohorts. <i>SciBX</i> 7(23); doi:10.1038/scibx.2014.690 Published online June 12, 2014	Patent and licensing status unavailable	Herrmann, H. <i>et al. Blood</i> ; published online April 28, 2014; doi:10.1182/blood-2013-10-536078 Contact: Peter Valent, Medical University of Vienna, Vienna, Austria e-mail: peter.valent@meduniwien.ac.at