This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Brain cancer	Pleomorphic adenoma gene-like 2 (PLAGL2)	A study in mice suggests that inhibiting signaling of the transcription factor PLAGL2 could help treat gliomas. Mice transplanted with <i>Plagl2</i> -overexpressing glioblastoma cells had lower survival than those that received non- <i>Plagl2</i> -overexpressing cells ($p < 0.001$). Small hairpin RNA-mediated knockdown of <i>Plagl2</i> increased survival compared with that seen using control shRNA ($p < 0.001$). Next steps could include identifying upstream regulators of <i>PLAGL2</i> expression and evaluating their potential as therapeutic targets.	Patent and licensing status unavailable	Zheng, H. <i>et al. Cancer Cell</i> ; published online May 13, 2010; doi:10.1016/j.ccr.2010.03.020 Contact: Ronald A. DePinho, Harvard Medical School, Boston, Mass. e-mail: ron_depinho@dfci.harvard.edu
<i>SciBX</i> 3(21); doi:10.1038/scibx.2010.640 Published online May 27, 2010				