This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Phosphatase and tensin homolog deleted on chromosome ten (PTEN; MMAC1; TEP1)	<i>In vitro</i> and mouse studies suggest that subtle variations in <i>PTEN</i> expression could help determine susceptibility to various cancers. <i>PTEN</i> is a tumor suppressor gene that is often lost in cancer. In mice, animals with a 20% decrease in expression of <i>Pten</i> , with both copies of the gene present, had lower survival and greater incidence of a variety of tumors than mice with normal <i>Pten</i> expression. Next steps include using genomic, proteomic and mutational analysis of tumor suppressors to determine cancer susceptibility.	Patent and licensing status unavailable	Alimonti, A. <i>et al. Nat. Genet.</i> ; published online April 18, 2010; doi:10.1038/ng.556 Contact: Pier Paolo Pandolfi, Harvard Medical School, Boston, Mass. e-mail: ppandolf@bidmc.harvard.edu
<i>SciBX</i> 3(17); doi:10.1038/scibx.2010.519 Published online April 29, 2010				