This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Neurology	Isocitrate dehydrogenase 2 (IDH2)	Genetic studies identified a mutation in IDH2 that could help diagnose and predict risk for a rare neuromuscular disorder called D-2-hydroxyglutaric aciduria (D-2-HGA) that is characterized by increased D-2-hydroxyglutarate in body fluids. In a genetic sequencing study, 88% of patients had a mutation in <i>IDH2</i> , which caused greater production of D-2-hydroxyglutarate. Next steps could include validating the findings in additional patients. SciBX 3(39); doi:10.1038/scibx.2010.1188 Published online Oct. 7, 2010	Patent and licensing status unavailable	Kranendijk, M. <i>et al. Science</i> ; published online Sept. 16, 2010; doi:10.1126/science.1192632 Contact: Cornelis Jakobs, VU University Medical Center, Amsterdam, the Netherlands e-mail: c.jakobs@vumc.nl