

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
<p>Mouse model of mutant <i>lamin A/C</i> (<i>LMNA</i>)-driven Hutchinson-Gilford progeria syndrome (HGPS)</p>	<p>A mutant <i>LMNA</i>-driven mouse model of HGPS could help guide the development of therapeutics for the disease. Knock-in mice carrying a point mutation in <i>Lmna</i> developed symptoms of HGPS including age-related reduced body weight and premature death. In the same mice, an antisense <i>Lmna</i>-targeted oligonucleotide increased survival compared with a control oligonucleotide. Next steps include using the animal model for testing other strategies to correct splicing defects in HGPS.</p> <p>SciBX 4(44); doi:10.1038/scibx.2011.1248 Published online Nov. 10, 2011</p>	<p>Patent application filed; available for licensing</p>	<p>Osorio, F.G. <i>et al. Sci. Transl. Med.</i>; published online Oct. 26, 2011; doi:10.1126/scitranslmed.3002847 Contact: Carlos López-Otín, University of Oviedo, Oviedo, Spain e-mail: clo@uniovi.es Contact: Fernando G. Osorio, same affiliation as above e-mail: fergaros@gmail.com</p>