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THE DISTILLERY

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
Genetic duplication mouse model for a hypomyelinating disorder	Mice with an engineered genomic duplication at the proteolipid protein 1 (Plp1) locus could be useful for studying the hypomyelinating disorder Pelizaeus–Merzbacher disease (PMD). The mice showed decreases in speed, movement fluidity and gait abnormalities compared with wild-type mice. In these mice, levels of Plp1 and other myelin proteins were decreased compared with that of wild-type controls. The mice recapitulated markers of PMD in humans, such as progressive loss of myelin followed by axonal loss. Next steps include using the model to evaluate therapeutic candidates.	Unpatented; model to be submitted to Mutant Mouse Regional Resource Centers for distribution	Clark, K. *et al. J. Neurosci.*; published online July 17, 2013; doi:10.1523/JNEUROSCI.1336-13.2013 **Contact:** Grace Hobson, Alfred I. duPont Hospital for Children, Wilmington, Del. e-mail: ghobson@nemours.org

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