

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
Parkinson's disease (PD) mouse model	Mice with a 95% reduction in vesicular monoamine transporter 2 (VMAT2; SLC18A2) could be useful PD models. The VMAT2-deficient mice showed degeneration in multiple parts of the brain and disrupted dopamine and norepinephrine signaling. The mice also showed defective olfactory function, sleeping disturbances, delayed gastric emptying and anxiety- and depression-like behaviors compared with wild-type mice. Next steps include using the model to test PD therapeutics.	Mouse model unpatented; model available for licensing through Emory University	Taylor, T. <i>et al. J. Neurosci.</i> ; published online June 24, 2009; doi:10.1523/JNEUROSCI.1495-09.2009 Contact: Gary W. Miller, Emory University, Atlanta, Ga. e-mail: gary.miller@emory.edu
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