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Yotari mice

IDENTIFICATION

Research Resource Identifier (RRID)	rridtest
Causal gene(s)	DAB1
Repeat size or mutation	Spontaneous autosomal recessive mutation in Dab1
Animal model	Mouse

MODEL DETAILS

Mouse strain / background	129/SvJ and C57BL/6J Jcl
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TRANSGENIC CONSTRUCT

Transgenic construct: details	a spontaneous replacement of genomic nucleotides with a long interspersed nuclear element (L1) fragment in the Dab1 gene.
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PHENOTYPE

Hallmark features	Unstable gait, tremor, premature death, hypoplastic cerebellum without foliation, distorted laminar structure of cerebral cortex and hippocampal formation
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SOURCE & PUBLICATIONS

Originating lab / institution	University of Tokyo
Links to publications or public resources	<p>A novel neurological mutant mouse, yotari, which exhibits reeler-like phenotype but expresses CR-50 antigen/reelin - PubMed https://pubmed.ncbi.nlm.nih.gov/9436647/</p> <p>The disabled 1 gene is disrupted by a replacement with L1 fragment in yotari mice - PubMed https://pubmed.ncbi.nlm.nih.gov/10648895/</p>

CONTACT

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