

[Mouse Models](#) [SCA37](#) [Publication](#)

# Dab1 null mice

## IDENTIFICATION

Causal gene(s)	DAB1
Repeat size or mutation	Dab1 knock-out
Animal model	Mouse

## MODEL DETAILS

Mouse strain / background	C57Bl6 and 129Sv
Type of model	Knockout

## TRANSGENIC CONSTRUCT

Transgenic construct: sequence type	Targeted disruption of the first 47 codons of the protein-interacting (PI/PTB) domain
Transgenic construct: details	Knockout targeting vector contained neomycin phosphotransferase in place of the genomic sequences that contained the first exon of the PI/PTB domain
Promoter: gene	PGK

## PHENOTYPE

Hallmark features	Ataxia, disturbance of neuronal layering in cerebral cortex, hippocampus and cerebellum
-------------------	---

## SOURCE & PUBLICATIONS

Originating lab / institution	Fred Hutchinson Cancer Research Center
Links to publications or public resources	Neuronal position in the developing brain is regulated by mouse disabled-1 - PubMed <a href="https://pubmed.ncbi.nlm.nih.gov/9338785/">https://pubmed.ncbi.nlm.nih.gov/9338785/</a>