

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

[Cav1^{tm1Mls}/Cav1^{tm1Mls}](#)

RRID:MGI:5014041

Type: Organism

Proper Citation

RRID:MGI:5014041

Organism Information

URL:

Proper Citation: RRID:MGI:5014041

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: astrocytosis, abnormal hippocampus CA1 region morphology, abnormal dentate gyrus morphology, amyloid beta deposits, decreased CNS synapse formation, hippocampal neuron degeneration, tau protein deposits, abnormal cell cytoskeleton morphology, CNS ischemia, abnormal CNS glial cell morphology, abnormal astrocyte morphology, abnormal brain vasculature morphology, abnormal dendrite morphology

Affected Gene: Cav1

Genomic Alteration: tm1Mls

Catalog Number: 5014041

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21203469](#)

Organism Name: Cav1^{tm1Mls}/Cav1^{tm1Mls}

Record Creation Time: 20240120T190218+0000

Record Last Update: 20240130T201801+0000

Ratings and Alerts

No rating or validation information has been found for Cav1^{tm1Mls}/Cav1^{tm1Mls}.

No alerts have been found for Cav1^{tm1Mls}/Cav1^{tm1Mls}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.