

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

[Pacsin1^{tm1.1Bqu}/Pacsin1^{tm1.1Bqu}](#)

RRID:MGI:5691569

Type: Organism

Proper Citation

RRID:MGI:5691569

Organism Information

URL:

Proper Citation: RRID:MGI:5691569

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

Species: Mus musculus

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

Phenotype: decreased excitatory postsynaptic current amplitude, abnormal synaptic vesicle morphology, abnormal synapse morphology, reduced fertility, tonic-clonic seizures, abnormal retinal outer plexiform layer morphology, abnormal nervous system electrophysiology, abnormal miniature inhibitory postsynaptic currents, abnormal miniature excitatory postsynaptic currents, abnormal inhibitory postsynaptic currents, abnormal synaptic vesicle recycling, abnormal vesicle-mediated transport, abnormal synaptic vesicle number, decreased synaptic depression, increased hippocampus volume, mortality/aging, decreased body weight

Affected Gene: Pacsin1

Genomic Alteration: tm1.1Bqu

Catalog Number: 5691569

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21926968](#)

Organism Name: Pacsin1^{tm1.1Bqu}/Pacsin1^{tm1.1Bqu}

Record Creation Time: 20240120T185935+0000

Record Last Update: 20240130T201621+0000

Ratings and Alerts

No rating or validation information has been found for Pacsin1^{tm1.1Bqu}/Pacsin1^{tm1.1Bqu}.

No alerts have been found for Pacsin1^{tm1.1Bqu}/Pacsin1^{tm1.1Bqu}.

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.