

Resource Summary Report

Generated by [ASWG](#) on Aug 1, 2026

[Cacng8^{tm1Ran}/Cacng8^{tm1Ran}](#)

RRID:MGI:3639515

Type: Organism

Proper Citation

RRID:MGI:3639515

Organism Information

URL:

Proper Citation: RRID:MGI:3639515

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

Species: Mus musculus

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

Phenotype: abnormal miniature excitatory postsynaptic currents, reduced long term potentiation, abnormal synaptic transmission, reduced long term potentiation

Affected Gene: Cacng8

Genomic Alteration: tm1Ran

Catalog Number: 3639515

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16222232](#), [PMID:23522044](#), [PMID:22002768](#)

Organism Name: Cacng8^{tm1Ran}/Cacng8^{tm1Ran}

Record Creation Time: 20240120T190552+0000

Record Last Update: 20240130T202000+0000

Ratings and Alerts

No rating or validation information has been found for Cacng8^{tm1Ran}/Cacng8^{tm1Ran}.

No alerts have been found for Cacng8^{tm1Ran}/Cacng8^{tm1Ran}.

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.