

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

[Adcy1^{tm1Drs}/Adcy1^{tm1Drs}; Adcy8^{tm1Ljm}/Adcy8^{tm1Ljm}](#)

RRID:MGI:3622142

Type: Organism

Proper Citation

RRID:MGI:3622142

Organism Information

URL:

Proper Citation: RRID:MGI:3622142

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

Species: Mus musculus

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

Phenotype: reduced long term potentiation, abnormal contextual conditioning behavior, impaired passive avoidance behavior

Affected Gene: Adcy8, Adcy1

Genomic Alteration: tm1Drs, tm1Ljm

Catalog Number: 3622142

Background: involves: 129/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10482244](#)

Organism Name: Adcy1^{tm1Drs}/Adcy1^{tm1Drs}; Adcy8^{tm1Ljm}/Adcy8^{tm1Ljm}

Record Creation Time: 20240120T190601+0000

Record Last Update: 20240130T202006+0000

Ratings and Alerts

No rating or validation information has been found for Adcy1^{tm1Drs}/Adcy1^{tm1Drs}; Adcy8^{tm1Ljm}/Adcy8^{tm1Ljm}.

No alerts have been found for Adcy1^{tm1Drs}/Adcy1^{tm1Drs}; Adcy8^{tm1Ljm}/Adcy8^{tm1Ljm}.

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.