

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 11, 2026

[Kat2a^{tm2Roth}/Kat2a^{tm2Roth}](#)

RRID:MGI:3712155

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3712155

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

Species: Mus musculus

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

Phenotype: failure of somite differentiation, embryo phenotype, embryonic lethality during organogenesis, incomplete penetrance, exencephaly, decreased fibroblast proliferation, abnormal metencephalon morphology, decreased embryo size, abnormal telencephalon development, abnormal midbrain morphology, increased embryonic tissue cell apoptosis, incomplete rostral neuropore closure, open neural tube

Affected Gene: Kat2a

Genomic Alteration: tm2Roth

Catalog Number: 3712155

Background: involves: 129S7/SvEvBrd * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17325035](#)

Organism Name: Kat2a^{tm2Roth}/Kat2a^{tm2Roth}

Record Creation Time: 20240120T190520+0000

Record Last Update: 20240130T201942+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Kat2a}^{\text{tm2Roth}}/\text{Kat2a}^{\text{tm2Roth}}$.

No alerts have been found for $\text{Kat2a}^{\text{tm2Roth}}/\text{Kat2a}^{\text{tm2Roth}}$.

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.