

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

[Kras^{tm4.1Tyj}/Kras⁺](#)

RRID:MGI:3044566

Type: Organism

Proper Citation

RRID:MGI:3044566

Organism Information

URL:

Proper Citation: RRID:MGI:3044566

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

Species: Mus musculus

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

Phenotype: increased embryonic neuroepithelium apoptosis, embryonic lethality during organogenesis, complete penetrance, decreased embryo size, enlarged heart, abnormal embryonic neuroepithelium morphology, abnormal brain development, pallor

Affected Gene: Kras

Genomic Alteration: tm4.1Tyj

Catalog Number: 3044566

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15093544](#)

Organism Name: Kras^{tm4.1Tyj}/Kras⁺

Record Creation Time: 20240120T190658+0000

Record Last Update: 20240130T202038+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Kras}^{\text{tm4.1Tyj/Kras}^+}$.

No alerts have been found for $\text{Kras}^{\text{tm4.1Tyj/Kras}^+}$.

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.