

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

[Kras^{tm4Tyj}/Kras⁺; Tg\(Fabp1-cre\)1Jig](#)

RRID:MGI:3044567

Type: Organism

Proper Citation

RRID:MGI:3044567

Organism Information

URL:

Proper Citation: RRID:MGI:3044567

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

Species: Mus musculus

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

Phenotype: abnormal colon morphology

Affected Gene: Kras

Genomic Alteration: tm4Tyj, Tg(Fabp1-cre)1Jig

Catalog Number: 3044567

Background: involves: 129S4/SvJae * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15093544](#)

Organism Name: Kras^{tm4Tyj}/Kras⁺; Tg(Fabp1-cre)1Jig

Record Creation Time: 20240120T190658+0000

Record Last Update: 20240130T202038+0000

Ratings and Alerts

No rating or validation information has been found for $Kras^{tm4Tyj/Kras^{+}}$; Tg(Fabp1-cre)1Jig.

No alerts have been found for $Kras^{tm4Tyj/Kras^{+}}$; Tg(Fabp1-cre)1Jig.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Wang Q, et al. (2025) Shc1 cooperates with Frs2 and Shp2 to recruit Grb2 in FGF-induced lens development. eLife, 13.

Collins TN, et al. (2018) Crk proteins transduce FGF signaling to promote lens fiber cell elongation. eLife, 7.