

Resource Summary Report

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

[Nras^{tm1Rak}/Nras^{tm1Rak}](#); [Kras^{tm1Tyj}/Kras⁺](#)

RRID:MGI:3589202

Type: Organism

Proper Citation

RRID:MGI:3589202

Organism Information

URL:

Proper Citation: RRID:MGI:3589202

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

Species: Mus musculus

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

Phenotype: abnormal embryonic hematopoiesis, abnormal hepatocyte morphology, distended pericardium, absent visceral yolk sac blood islands, pale yolk sac, increased apoptosis, postnatal lethality, complete penetrance, pallor, abnormal erythropoiesis, short tail, abnormal eye development, embryonic lethality during organogenesis, incomplete penetrance, perinatal lethality, incomplete penetrance, excessive folding of visceral yolk sac, hydrops fetalis, embryonic growth arrest, dilated heart, embryonic growth retardation, anemia, increased embryonic tissue cell apoptosis

Affected Gene: Nras, Kras

Genomic Alteration: tm1Tyj, tm1Rak

Catalog Number: 3589202

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:9334313](#)

Organism Name: Nras^{tm1Rak}/Nras^{tm1Rak}; Kras^{tm1Tyj}/Kras⁺

Record Creation Time: 20240120T190621+0000

Record Last Update: 20240130T202017+0000

Ratings and Alerts

No rating or validation information has been found for Nras^{tm1Rak}/Nras^{tm1Rak}; Kras^{tm1Tyj}/Kras⁺.

No alerts have been found for Nras^{tm1Rak}/Nras^{tm1Rak}; Kras^{tm1Tyj}/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.