

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

Tg(Mx1-cre)1Cgn; Kras^{tm4Tyj}/Kras⁺

RRID:MGI:3035835

Type: Organism

Proper Citation

RRID:MGI:3035835

Organism Information

URL:

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

Species: Mus musculus

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

Phenotype: decreased hematocrit, ruffled hair, increased oral papilloma incidence, anemia, lymphoid hyperplasia, increased skin papilloma incidence, abnormal myelopoiesis, increased granulocyte number, abnormal definitive hematopoiesis, increased papilloma incidence, increased lung adenoma incidence, increased leukocyte cell number, abnormal hepatobiliary system morphology, myeloid hyperplasia, abnormal erythrocyte morphology, increased spleen red pulp amount, enlarged spleen, premature death, extramedullary hematopoiesis, increased lymphoblastic lymphoma incidence, increased esophageal papilloma incidence, cachexia

Affected Gene: Kras, Tg(Mx1-cre)1Cgn

Genomic Alteration: tm4Tyj, Tg(Mx1-cre)1Cgn

Catalog Number: 3035835

Background: involves: 129S4/SvJae * BALB/c * C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14966562](#)

Organism Name: Tg(Mx1-cre)1Cgn; Kras^{tm4Tyj}/Kras⁺

Record Creation Time: 20240120T190709+0000

Record Last Update: 20240130T202045+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Mx1-cre)1Cgn; Kras^{tm4Tyj}/Kras⁺.

No alerts have been found for Tg(Mx1-cre)1Cgn; Kras^{tm4Tyj}/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.