

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

B6(Cg)-Kras^{tm5Tyj/J}

RRID:IMSR_JAX:023590

Type: Organism

Proper Citation

RRID:IMSR_JAX:023590

Organism Information

URL: <https://www.jax.org/strain/023590>

Proper Citation: RRID:IMSR_JAX:023590

Description: Mus musculus with name B6(Cg)-Kras^{tm5Tyj/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: Kras proto-oncogene; GTPase; mutant strain|congenic strain: Kras

Affected Gene: Kras proto-oncogene; GTPase

Genomic Alteration: targeted mutation 5; Tyler Jacks

Catalog Number: JAX:023590

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6(Cg)-Kras^{tm5Tyj/J}

Record Creation Time: 20250513T053748+0000

Record Last Update: 20260725T044455+0000

Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Kras^{tm5Tyj/J}.

No alerts have been found for B6(Cg)-Kras^{tm5Tyj/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Cheung JF, et al. (2025) Distinct T cell functions enable efficient immunoediting and prevent tumor emergence of developing sarcomas. *Cancer cell*, 43(12), 2311.

Salas-Escabillas DJ, et al. (2024) Tuft cells transdifferentiate to neural-like progenitor cells in the progression of pancreatic cancer. *Developmental cell*.

Mollaoglu G, et al. (2018) The Lineage-Defining Transcription Factors SOX2 and NKX2-1 Determine Lung Cancer Cell Fate and Shape the Tumor Immune Microenvironment. *Immunity*, 49(4), 764.