

Resource Summary Report

Generated by [kravitz2](#) on Sep 20, 2026

B6.129S4-Kras^{em2Ldow}/J

RRID:IMSR_JAX:033316

Type: Organism

Proper Citation

RRID:IMSR_JAX:033316

Organism Information

URL: <https://www.jax.org/strain/033316>

Proper Citation: RRID:IMSR_JAX:033316

Description: Mus musculus with name B6.129S4-Kras^{em2Ldow}/J from IMSR.

Species: Mus musculus

Synonyms: B6N.129S4-Kras/J

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

Affected Gene: Kras proto-oncogene; GTPase

Genomic Alteration: endonuclease-mediated mutation 2; Lukas Dow

Catalog Number: JAX:033316

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S4-Kras^{em2Ldow}/J

Record Creation Time: 20250513T053834+0000

Record Last Update: 20260919T055018+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Kras^{em2Ldow}/J.

No alerts have been found for B6.129S4-Kras^{em2Ldow}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Grimont A, et al. (2026) Molecular dynamics driving phenotypic divergence among KRAS mutants in pancreatic tumorigenesis. Developmental cell.