

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

FVB.129S6(B6)-Gt(ROSA)26Sor^{tm1(Luc)}Kael/J

RRID:IMSR_JAX:005125

Type: Organism

Proper Citation

RRID:IMSR_JAX:005125

Organism Information

URL: <https://www.jax.org/strain/005125>

Proper Citation: RRID:IMSR_JAX:005125

Description: Mus musculus with name FVB.129S6(B6)-Gt(ROSA)26Sor^{tm1(Luc)}Kael/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: gene trap ROSA 26; Philippe Soriano|luciferase; mutant strain|congenic strain: Gt(ROSA)26Sor|luc

Affected Gene: gene trap ROSA 26; Philippe Soriano|luciferase

Genomic Alteration: targeted mutation 1; William G Kaelin

Catalog Number: JAX:005125

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: FVB.129S6(B6)-Gt(ROSA)26Sor^{tm1(Luc)}Kael/J

Record Creation Time: 20250513T053648+0000

Record Last Update: 20260725T044358+0000

Ratings and Alerts

No rating or validation information has been found for FVB.129S6(B6)-Gt(ROSA)26Sor^{tm1(Luc)Kael/J}.

No alerts have been found for FVB.129S6(B6)-Gt(ROSA)26Sor^{tm1(Luc)Kael/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Wang YX, et al. (2025) Multiomic profiling reveals that prostaglandin E2 reverses aged muscle stem cell dysfunction, leading to increased regeneration and strength. *Cell stem cell*, 32(7), 1154.

Li Y, et al. (2024) TGF- β signaling promotes desmoid tumor formation via CSRP2 upregulation. *Cancer science*, 115(2), 401.

Wang B, et al. (2024) Intermittent clearance of p21-highly-expressing cells extends lifespan and confers sustained benefits to health and physical function. *Cell metabolism*, 36(8), 1795.

Dervovic D, et al. (2023) In vivo CRISPR screens reveal Serpinb9 and Adam2 as regulators of immune therapy response in lung cancer. *Nature communications*, 14(1), 3150.

Wang L, et al. (2022) Targeting p21Cip1 highly expressing cells in adipose tissue alleviates insulin resistance in obesity. *Cell metabolism*, 34(1), 75.

Gendron WAC, et al. (2021) Unlocking loxP to Track Genome Editing In Vivo. *Genes*, 12(8).

Marjanovic ND, et al. (2020) Emergence of a High-Plasticity Cell State during Lung Cancer Evolution. *Cancer cell*, 38(2), 229.

Spella M, et al. (2019) Club cells form lung adenocarcinomas and maintain the alveoli of adult mice. *eLife*, 8.

Hsieh MH, et al. (2019) p63 and SOX2 Dictate Glucose Reliance and Metabolic Vulnerabilities in Squamous Cell Carcinomas. *Cell reports*, 28(7), 1860.

Lees-Shepard JB, et al. (2018) Palovarotene reduces heterotopic ossification in juvenile FOP mice but exhibits pronounced skeletal toxicity. *eLife*, 7.

Kruse RL, et al. (2017) In Situ Liver Expression of HBsAg/CD3-Bispecific Antibodies for HBV Immunotherapy. *Molecular therapy. Methods & clinical development*, 7, 32.

Ambrosi TH, et al. (2017) Adipocyte Accumulation in the Bone Marrow during Obesity and Aging Impairs Stem Cell-Based Hematopoietic and Bone Regeneration. *Cell stem cell*, 20(6), 771.