

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

Stock No: 005125

 Congenic, Targeted Mutation

Live mice available in varying quantities. Ask Customer Service for details.

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This allele is also available on the C57BL/6 genetic background as Stock No. [034320](#).

Donating Investigator

William G. Kaelin, Dana Farber Cancer Institute

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GENETIC OVERVIEW

Genetic Background

Generation

[N4+N3F13](#)
(2020-12-01 00:00:00)

Gt(ROSA)26Sor^{tm1(Luc)Kael}

Alele Type

Targeted (Conditional ready
(e.g. floxed), Reporter)

Gene Symbol

Gt(ROSA)26Sor

Gene Name

gene trap ROSA 26, Philippe Soriano

VIEW GENETICS

RESEARCH APPLICATIONS

Research Tools

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$255.00 Domestic price for female 4-week

V I E W P R I C E L I S T

Details

Detailed Description

These mice contain the firefly luciferase (*luc*) gene inserted into the *Gt(ROSA)26Sor* locus. Expression of the luciferase gene is blocked by a loxP-flanked STOP fragment placed between the *luc* sequence and the *Gt(ROSA)26Sor* promoter. This strain serves as a Cre reporter strain. When used in conjunction with a Cre recombinase-expressing strain, successful Cre-mediated excision is indicated by luciferase expression in Cre-expressing tissues. Mice that are homozygous for the transgenic insert are viable and fertile.

This allele is also available on the C57BL/6 genetic background as Stock No. [034320](#).

Development

Expression Data

Control Suggestions

Selected References

Genetics

Gt(ROSA)26Sor^{tm1(Luc)Kael}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

[+ Mammalian Phenotype Terms by Genotype](#)

[+ References](#)

[- Technical Support](#)

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Standard PCR: [Gt\(ROSA\)26Sor](#)

[Genotyping resources and troubleshooting](#)

Dietary Information

LabDiet® 5K52 formulation (6% fat)

Breeding Considerations

This strain is maintained as a homozygote.

[Additional Breeding and Husbandry Support](#)

Mating System

Homozygote x Homozygote

Citation

When using the FVB.129S6(B6)-*Gt(ROSA)26Sor^{tm1(Luc)Kael}*/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #005125 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

 [AX11 \(Maximum\)](#)

[- Pricing & Availability](#)



Live mice available in varying quantities. Ask Customer Service for details.

Available

Domestic **International**

Pricing effective for USA, Canada and Mexico shipping destinations

LIVE MOUSE

AGE

SEX

GENOTYPE

PRICE

4 weeks	SEX	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
5 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
6 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
7 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
8 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
9 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
10 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
11 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
12 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(Luc)Kael}	\$255.00

PAYMENT TERMS AND CONDITIONS

Terms are granted by individual review and stated on the customer invoice(s) and account statement. These transactions are payable in U.S. currency within the granted terms. Payment for services, products, shipping containers, and shipping costs that are rendered are expected within the payment terms indicated on the invoice or stated by contract. Invoices and account balances in arrears of stated terms may result in The Jackson Laboratory pursuing collection activities including but not limited to outside agencies and court filings.

THE JACKSON LABORATORY'S GENOTYPE PROMISE

The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic background of JAX® Mice strains as well as the genotypes of strains with identified molecular mutations. JAX® Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. **Therefore, we cannot guarantee a strain's phenotype will meet all expectations.** To ensure that JAX® Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project. We do not guarantee [breeding performance](#) and therefore suggest that investigators order more than one breeding pair to avoid delays in their research.

Terms Of Use

TERMS OF USE

[General Terms and Conditions](#)

ADDITIONAL USE RESTRICTIONS APPLY

Use of MICE by companies or for-profit entities requires a license prior to shipping.

LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

Related Strains

All

By Allele

By Gene

By Collection




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