

**B6;129-Gt(ROSA)26Sor<sup>tm9(CAG-GFP\*)Nat</sup>/J**

Stock No: **026005**

 Targeted Mutation

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

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## Donating Investigator

Jeremy Nathans, Johns Hopkins University

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## GENETIC OVERVIEW

Genetic Background

Generation

*Gt(ROSA)26Sor<sup>tm9(CAG-GFP\*)Nat</sup>*

**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:

\$2,854.50 Domestic price Cryo Recovery

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

## Details

### Detailed Description

*Gt(ROSA)26Sor* (R26) mLSL-nGFP mice incorporate a nuclear-localization signal (nls)-GFP open reading frame inserted downstream of a loxP-stop-loxP cassette in which one loxP site is wild type and the other is mutant loxP63 (mutant-LSL or "mLSL"). The stop cassette consists of three tandem SV40 polyadenylation/transcription termination sequences.

When crossed with Cre-expressing strains, the result is reduced efficiency of Cre-mediated recombination. There is no background recombination in the absence of 4-hydroxytamoxifen (4HT) when tested with typical CreER lines. These mice will be useful for applications that require extremely sparse labeling, such as lineage tracing. Mice homozygous for this allele are viable and fertile with no obvious physical or behavioral abnormalities.

### Development

### Expression Data

### Control Suggestions

## Genetics

### *Gt(ROSA)26Sor<sup>tm9(CAG-GFP\*)</sup>Nat*

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

+ References

- Technical Support

C O N T A C T   T E C H N I C A L   S U P P O R T

Genotyping Protocols

Probe: [Gt\(Rosa\)26Sor\(CAG\) alternate 2](#)  
[Genotyping resources and troubleshooting](#)

Breeding Considerations

Heterozygotes and homozygotes are viable and fertile.

[Additional Breeding and Husbandry Support](#)

Citation

When using the B6;129-Gt(ROSA)26Sor<sup>tm9(CAG-GFP\*)Nat</sup>/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #026005 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

*Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, [G200](#)*

- Pricing & Availability



Cryo  
Recovery

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

Domestic | International

Pricing effective for USA, Canada and Mexico shipping destinations

CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
<a href="#">Cryo Recovery</a>	Heterozygous for Gt(ROSA)26Sor<tm9(CAG-GFP*)Nat>	\$2,854.50

## RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo

B6;129-Gt(ROSA)26Sor<tm9(CAG-GFP\*)Nat>/J Frozen Embryo

\$2595.00

### 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](#)

Q U E S T I O N S   A B O U T   T E R M S   O F   U S E

### 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](mailto:TechTran@jax.org)

## Related Strains

All

By Allele

By Gene

By Collection




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