

**B6;129S4-Gt(ROSA)26Sor<sup>tm3(phiC31\*)Sor</sup> /J**

Stock No: **007670**

 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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sequence deleted and replaced with a single *AttL* site in widespread cells/tissues.

### Donating Investigator

Dr. Philippe Soriano, Mount Sinai School of Medicine

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## GENETIC OVERVIEW

Genetic Background

Generation

*Gt(ROSA)26Sor<sup>tm3(phiC31\*)Sor</sup>*

**Alele Type**

Targeted (Recombinase-expressing)

**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

These R26ΦC31o (R26phiC31o) mutant mice express a site-specific recombinase, ΦC31o (PhiC31o), that has been targeted to the endogenous *Gt(ROSA)26Sor* locus. The ΦC31o is codon-optimized for expression in mouse tissues. ΦC31o mediates irreversible DNA recombination at specific nonidentical pairs of sequence sites, *AttB* and *AttP*; this results in deletion of the entire *AttB/AttP*-flanked sequences and replacement with a single *AttL* site. Recombination efficiency is similar to that of Cre recombinase. When R26ΦC31o mice are bred with mice containing *AttB/AttP*-flanked sequences, the resulting offspring will have the targeted sequence deleted in widespread cells/tissues.

#### Development

#### Expression Data

#### Control Suggestions

#### Selected References

### Genetics

#### *Gt(ROSA)26Sor<sup>tm3(phiC31\*)Sor</sup>*

### 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

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintaining a live colony, these mice can be bred as homozygotes.

[Additional Breeding and Husbandry Support](#)

Citation

When using the B6;129S4-Gt(ROSA)26Sor<sup>tm3(phiC31\*)Sor</sup>/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #007670 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<tm3(phiC31*)Sor>	\$2,854.50

RELATED PRODUCTS AND SERVICES

<a href="#">Frozen Mouse Embryo</a>	B6;129S4-Gt(ROSA)26Sor<tm3(phiC31*)Sor>/J Frozen Embryo	\$2595.00
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Phone: 207-288-6470

Email: [TechTran@jax.org](mailto:TechTran@jax.org)

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