

## C57BL/6J-Tg(Amy1TA<sub>g</sub>)501K<sub>nw</sub>/J

Stock No: 003446 | 501 lineage

 Transgenic

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

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amylase gene (*Amy1<sup>a</sup>*), and develop metastatic osteosarcomas.

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## GENETIC OVERVIEW

Genetic Background

Generation

### Tg(Amy1TA<sub>g</sub>)501K<sub>nw</sub>

#### Alele Type

Transgenic (Inserted expressed sequence)

VIEW GENETICS

## RESEARCH APPLICATIONS

Cancer Research

VIEW ALL RESEARCH APPLICATIONS

## BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

## Details

### Detailed Description

C57BL/6-TgN(Amy1TAg)501Knw mice are viable and fertile. They express the SV40 tumor antigen under control of the liver promoter of the mouse alpha-amylase gene (*Amy1<sup>a</sup>*). This transgenic strain develops metastatic osteosarcomas at about 13 months of age. *Note: This line, '501', contains the same transgene construct as line '354' (Stock No. 003445). Divergent tumor development between these lines is reported to be a result of different transgene integration sites.*

### Expression Data

### Control Suggestions

### Selected References

## Genetics

### Tg(Amy1TAg)501Knw

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

### References

## Technical Support

### CONTACT TECHNICAL SUPPORT

#### Genotyping Protocols

Standard PCR: [Generic SV40 TAg 1](#)

[Genotyping resources and troubleshooting](#)

#### Breeding Considerations

When maintaining a live colony, homozygous mice may be bred together.

[Additional Breeding and Husbandry Support](#)

#### Citation

When using the 501 lineage mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #003446 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>	Homozygous for Tg(Amy1TAg)501Knw	\$2,854.50

## 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.

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### LICENSING INFORMATION

Phone: 207-288-6470

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

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All

By Allele

By Gene

By Collection





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# TOMORROW'S CURES



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