

**B6 x B6CBCa A<sup>w-J</sup> /A-Grid2<sup>Lc</sup> T(2;6)7Ca Mitf<sup>Mi-wh</sup> /J**

Stock No: **000593**

 **Chromosome Aberration, Translocation**

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

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## GENETIC OVERVIEW

### Genetic Background

### Generation

*A<sup>w-J</sup>*

#### Alele Type

Spontaneous

#### Gene Symbol

*a*

#### Gene Name

nonagouti

*Grid2<sup>Lc</sup>*

#### Alele Type

Spontaneous

#### Gene Symbol

*Grid2*

#### Gene Name

glutamate receptor, ionotropic, delta 2

*Mitf<sup>Mi-wh</sup>*

#### Alele Type

Spontaneous

#### Gene Symbol

*Mitf*

#### Gene Name

melanogenesis associated transcription factor

### Marker(s)

#### Marker Symbol

T(2;6)7Ca

#### Marker Name

reciprocal translocation, Chr 2 and 6, Carter 7

V I E W G E N E T I C S

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## RESEARCH APPLICATIONS

Research Tools  
Developmental Biology Research  
Neurobiology Research  
Mouse/Human Gene Homologs  
Dermatology Research  
Endocrine Deficiency Research  
Immunology, Inflammation and Autoimmunity Research  
Sensorineural Research

[VIEW ALL RESEARCH APPLICATIONS](#)

## BASE PRICE

Starting at:

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\$2,854.50 Domestic price Cryo Recovery

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[VIEW PRICE LIST](#)

### [- Details](#)

#### [- Detailed Description](#)

Mice homozygous for the *Mit<sup>M</sup>* spontaneous mutation are characterized by decreased macrophage chemotactic responses, impaired proliferative responses to B cell and T cell mitogens, diminished responses in vitro to T-dependent and T-independent antigens and reduced NK cell activity.

### [- Genetics](#)

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[+ \*A<sup>w-J</sup>\*](#)

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[+ \*Grid2<sup>Lc</sup>\*](#)

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[+ \*Mit<sup>Mi-wh</sup>\*](#)

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[+ T\(2;6\)7Ca](#)

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## – Disease/Phenotype

+ Disease Terms

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+ Research Areas By Phenotype

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+ Mammalian Phenotype Terms by Genotype

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+ References

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## – 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

Separated PCR:[A A A Alternate2](#)

[Genotyping resources and troubleshooting](#)

### Citation

When using the B6 x B6CBCa  $A^{wJ}/A-Grid2^{Lc}$  T(2;6)7Ca  $Mitf^{M-wh}/J$  mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #000593 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](#)*

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## – 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
Cryo Recovery	Heterozygous or Wild-type for Lc (2;6)7Ca,Heterozygous or Wild-type for mi<wh>	\$2,854.50

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## Terms Of Use

### TERMS OF USE

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Phone: 207-288-6470

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

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