**Overview**

Also Known As: severe kyphosis

Homozygous mice carrying this spontaneous mutation exhibit a progressive S-shaped kyphosis of the lumbar region resulting in a shortened trunk.

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tr>
<td>sky</td>
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<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tr>
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Spontaneous sky severe kyphosis

RESEARCH APPLICATIONS
Developmental Biology Research

BASE PRICE
Starting at:

$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

Mice homozygous for the severe kyphosis mutation have open eyelids at birth leading to injury and blindness, a progressive S-shaped kyphosis of the lumbar region of the spine, and a resultant shortened trunk and higher tail position. Small granulomas in muscle and brown fat are also found. Death usually occurs between 3 and 6 months of age and homozygotes do not breed.

Development

Control Suggestions

Selected References

Genetics

sky

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype
Related Products and Services

- **Frozen Mouse Embryo**
  - **DBA/2J-sky/J**
  - **Price:** $2,595.00

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**References**

**Technical Support**

**C H A T  O F F L I N E**

**CONTACT TECHNICAL SUPPORT**

Genotyping Protocols

Genotyping resources and troubleshooting

**Citation**

When using the severe kyphosis mouse strain in a publication, please cite the originating article(s) and include JAX stock #006057 in your Materials and Methods section.

*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.

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<tr>
<th>Service/Product</th>
<th>Description</th>
<th>Price</th>
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<tr>
<td>Cryorecovery</td>
<td>Heterozygous for sky</td>
<td>$2,854.50</td>
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**Domestic**

Pricing effective for USA, Canada and Mexico shipping destinations

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**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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Terms Of Use

Terms Of Use

General Terms and Conditions

Licensing Information

Phone: 207-288-6470
Email: TechTran@jax.org

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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains