Overview

Also Known As: short snout

Short snout (shsn) is a spontaneous, autosomal recessive mutation characterized by shortened face, lower bone mineral density, and reduced size.
### Genetic Background

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Spontaneous</td>
<td>shsn</td>
<td>short snout</td>
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### RESEARCH APPLICATIONS

BASE PRICE

**Starting at:**

$2,854.50 Domestic price Cryo Recovery

### Details

**Detailed Description**

Homozygotes have a shortened, squared snout with abnormal measurements in the skull, nose, jaw lengths, skull height. Whole body bone mineral density, bone mineral content, whole body mass, and percent body fat are significantly lower in both female and male homozygotes compared with heterozygous controls. The reduction in bone mineral density and bone mineral content is also found when looking specifically at the skull. At 3 months of age 15 out of 16 homozygotes were found to have lens spots and photosensitivity.

### Development

### Control Suggestions

### Selected References

### Genetics

**shsn**

### Disease/Phenotype
Genotyping Protocols
Genotyping resources and troubleshooting

Mating System
Heterozygote x Homozygote
Homozygote x Heterozygote

Citation
When using the short snout mouse strain in a publication, please cite the originating article(s) and include JAX stock #008753 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.

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<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous for shsn</td>
<td>$2,854.50</td>
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Related Products and Services

Frozen Mouse Embryo
B6(129P2)-shsn/GrsrJ
$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.

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Terms Of Use

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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains