Overview

This spontaneous recessive mutation has a phenotype similar to the snubnose (sno) mutation except for spina bifida occulta which is not seen, but allelism could not be tested.
### $snol$

<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>$snol$</td>
<td>snubnose-like</td>
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### RESEARCH APPLICATIONS

**Developmental Biology Research**

### BASE PRICE

**Starting at:**

$2,854.50 Domestic price Cryo Recovery

### Important Note

The C3H/HeJ background strain is homozygous for the retinal degeneration 1 mutation, $Pde6b^{rd1}$.

### Detailed Description

The $snol$ homozygous mutant phenotype includes a short nose, odd face and body shape, and kinked tail. Most mutants also get malocclusion and two homozygous mutants tested at 49 days of age exhibited intermediate hearing loss (about 25 dB above normal). The odd shape of the face can be used to distinguish the Homozygotes by 14 days of age. $snol$ has been mapped to Chromosome 4. The most likely gene order places the mutation between D4Mit12 and D4Mit203 in 92 tested meioses. A short nosed mutation, snubnose ($sno$), maps in this location, but could not be tested for allelism because it is believed to be extinct. The spina bifida occulta reported in $sno$ homozygotes is not seen in $snol$ homozygotes.

### Development

### Selected References

### Genetics

### $snol$

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

Appearance
agouti, snubnosed with malocclusion
Related Genotype: A/A snol/snol

agouti, unaffected
Related Genotype: A/A snol/+ or A/A +/?

Citation
When using the C3H/HeJ-snol/GrsrJ mouse strain in a publication, please cite the originating article(s) and include JAX stock #004476 in your Materials and Methods section.

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, G200

Pricing & Availability

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>Cryo Recovery</td>
<td>Heterozygous for snol</td>
<td>$2,854.50</td>
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Related Products and Services

Frozen Mouse Embryo
C3H/HeJ-snol/GrsrJ
$2595.00
Payment Terms and Conditions
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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains

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