Overview

Also Known As: dark-like

These mice carry a spontaneous mutation at the Pepd locus characterized by a darkened coat color, smaller size, gonad abnormalities, and dark staining urine.

CBA/J-$\text{Pe}^{\text{dd}}$ GrsrJ

Stock No: 003398 | dark-like

Coisogenic, Spontaneous Mutation

PLACE ORDER

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

GENETIC OVERVIEW
**Pep^dal**

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Spontaneous (Hypomorph)</td>
<td>Pepd</td>
<td>peptidase D</td>
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**RESEARCH APPLICATIONS**

- Reproductive Biology Research
- Dermatology Research
- Developmental Biology Research
- Internal/Organ Research

**BASE PRICE**

Starting at: $2,854.50 Domestic price Cryo Recovery

**Details**

Dark-like _dal_ is a recessive mutation causing a darkened coat color, smaller size, gonad abnormalities, and dark staining urine. _dal_ maps to Chromosome 7 and a previously described mutation named dark _da_ maps to the same chromosomal region. Dark-like may be a remutation to dark _da_. However a test for allelism is not possible because dark is thought to be extinct. Mice homozygous for the _dal_ mutation are easily recognized by 14 days of age by their darkened coats and smaller size. Some homozygotes appear, both phenotypically and pathologically (dense bones), to have skeletal abnormalities however X-rays appear normal. At 7 months of age females had no follicles and many corpora lutea and males mild testicular degeneration with increased Leydig cells. Serum assays for Albumin, BUN, Creatine, Bilirubin, and iron showed no significant differences from controls.

**Control Suggestions**

**Selected References**

**Genetics**
Genotyping Protocols
Genotyping resources and troubleshooting

Appearance
small, dark agouti
Related Genotype: A/A dal/dal

agouti
Related Genotype: A/A dal/+  

Citation
When using the dark-like mouse strain in a publication, please cite the originating article(s) and include JAX stock #003398 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 dal</td>
<td>$2,854.50</td>
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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains