R H J / Lk6 d t\(2^{tp7}/\) G r s r J

**Stock No:** 005415 | **short term perm**

- Coisogenic, Spontaneous Mutation

**CRYO RECOVERY**

**PLACE ORDER**

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

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**Overview**

**Also Known As:** short term perm

Mice carrying this spontaneous mutation of the *Krt27* gene are characterized by having very curly coats and slightly curved vibrissae.
The phenotype of this mutation can be identified by a curly coat, which is different from the smooth coat of control littermates. At 3 weeks of age, mice homozygous for this new mutation have very curly coats and slightly curved vibrissae. In several weeks time the curly coat disappears but the hair retains a rough texture, and the vibrissae then appear normal. Heterozygous mice have normal smooth coats and straight whiskers.

**Development**

**Control Suggestions**

**Selected References**

**Genetics**

**Krt27**

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

Mating System
Homozygote x Heterozygote
Heterozygote x Homozygote

Appearance
albino, unaffected
Related Genotype: \( a/a \ Tyrp^b/Tyrp^1 \ Tyr^b/Tyr^1 \ stmp/+ \)

albino, transitory curly hair
Related Genotype: \( a/a \ Tyrp^b/Tyrp^1 \ Tyr^b/Tyr^1 \ stmp/stmp \)

Citation
When using the short-term perm mouse strain in a publication, please cite the originating article(s) and include JAX stock #005415 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

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

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous or Homozygous for stpm, 1 pair minimum</td>
<td>$2,854.50</td>
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All

By Allele

By Gene

By Collection

All Related Strains