A characteristic of MA/MyJ is the spontaneous mutation hf (hepatic fusion), which results in varying degrees of fusion in the hepatic lobes. Mice of this strain are generally resistant to X-irradiation. They have a low spontaneous mammary tumor incidence, but are highly susceptible to the mammary tumor virus.
Important Note
This strain is homozygous for Cdh23<sup>ahl</sup>, the age related hearing loss 1 mutation, which on this background results in progressive hearing loss with onset prior to three months of age.

Detailed Description
A characteristic of MA/MyJ is the spontaneous mutation hf (hepatic fusion), which results in varying degrees of fusion in the hepatic lobes.

This strain is a poor breeder.

Genetics

- **hf**
- **Cdh23<sup>ahl</sup>**
- **Mx1<sup>s1</sup>**
- **Ahr<sup>b-1</sup>**

Disease/Phenotype

- **Disease Terms**
- **Research Areas By Phenotype**
- **Mammalian Phenotype Terms by Genotype**
Phenotype Information

References

Technical Support

Genotyping Protocols
Genotyping resources and troubleshooting

Dietary Information
LabDiet® 5K52 formulation (6% fat)

Mating System
Sibling x Sibling

Appearance
albino
Related Genotype: A/A Tyr<sup>c</sup>/Tyr<sup>c</sup>

Citation
When using the Marsh Albino Murray mouse strain in a publication, please include JAX stock #000677 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Descriptions

FGB29 (Standard)

Pricing & Availability

Live mice available in varying quantities. Ask Customer Service for details.

<table>
<thead>
<tr>
<th>AGE</th>
<th>SEX</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<td>Approx 4-8 weeks</td>
<td>Female</td>
<td>Not Applicable</td>
<td>$278.00</td>
</tr>
<tr>
<td></td>
<td>Male</td>
<td>Not Applicable</td>
<td>$278.00</td>
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