Also Known As: Ldlr KO
Mice homozygous for the \(\text{Ldlr}^{\text{tm1Her}}\) mutation have an elevated serum cholesterol level of 200-400 mg/dl and they have very high levels (>2,000 mg/dl) when fed a high fat diet. Normal serum cholesterol in the mouse is 80-100 mg/dl.

Donating Investigator
IMR Colony, The Jackson Laboratory
Details

**Detailed Description**

Mice homozygous for the $Ldlr^{tm1Her}$ mutation have an elevated serum cholesterol level of 200-400 mg/dl and they have very high levels (>2,000 mg/dl) when fed a high fat diet. Normal serum cholesterol in the mouse is 80-100 mg/dl.

Development

Control Suggestions

Selected References

Genetics

$Ldlr^{tm1Her}$
Genotyping Protocols
Standard PCR: Ldlr-alternate 1
Genotyping resources and troubleshooting

Breeding Considerations

This strain is a good breeder.

This Ldlr<sup>tm1Her</sup> strain is maintained by mating homozygous siblings. Only homozygous mice may be ordered.

Additional Breeding and Husbandry Support
Mating System
Homozygote x Homozygote
Appearance
black
Related Genotype: a/a
Citation
When using the Ldlr KO mouse strain in a publication, please cite the originating article(s) and include JAX stock #002207 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Descriptions

- RB10 (Maximum)
- AX4 (Standard)
**Pricing & Availability**

Sized to accommodate orders of up to 100 or more. Ask Customer Service for details.

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**Domestic & International**

Pricing effective for USA, Canada and Mexico shipping destinations

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<th>AGE</th>
<th>SEX</th>
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<td>Female</td>
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<td>$135.89</td>
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<tr>
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