Also Known As: Ldlr KO
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.

Donating Investigator
IMR Colony, The Jackson Laboratory
**Details**

**Detailed Description**

Mice homozygous for the \( \text{Ldl}^{\text{tm1Her}} \) 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.

**Development**

**Control Suggestions**

**Selected References**

**Genetics**

**\( \text{Ldl}^{\text{tm1Her}} \)**

**Disease/Phenotype**

**Disease Terms**

**Research Areas By Genotype**

**Mammalian Phenotype Terms by Genotype**

**Phenotype Information**

**References**

**Technical Support**
Genotyping Protocols
Standard PCR: \texttt{Ldlr}^{tm1Her}

Genotyping resources and troubleshooting

Breeding Considerations

This strain is a good breeder.

This \texttt{Ldlr}^{tm1Her} 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: \texttt{a/a}

Citation

When using the \texttt{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

Readily Available

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

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Phone: 207-288-6470
Email: TechTran@jax.org

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