These Axl KO mice may be useful in studies of innate immunity, autoimmunity, germ cell development and apoptosis. Axl is highly expressed by key cellular targets of ZIKV (ZIKV), and is proposed to promote viral entry in certain cell types (including non-Axl-expressing cells). Axl inhibition represents a potential approach for antiviral therapies.
GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Targeted (Reporter, Null/Knockout)</td>
<td>Axl</td>
<td>AXL receptor tyrosine kinase</td>
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</tbody>
</table>

RESEARCH APPLICATIONS

Immunology, Inflammation and Autoimmunity Research
Cell Biology Research
Research Tools
Virology Research
Apoptosis Research
Reproductive Biology Research

BASE PRICE
Starting at:
$2,854.50 Domestic price Cryo Recovery

Details

This targeted mutant was created and characterized by Deltagen, Inc. View phenotypic data developed by Deltagen. Briefly, a bacterial beta-galactosidase gene (lacZ) was inserted into the Axl locus such that the endogenous gene promoter drives lacZ expression. RNA transcripts are detectable in all tissues analyzed. lacZ expression is detectable in all tissues or organs analyzed. There were no significant differences detected in the homozygous mutant mice when compared with age- and gender-matched wildtype control mice.

In combination with mutations in other receptor tyrosine kinases, this strain may be useful in studies of innate immunity, autoimmunity, germ cell development and apoptosis.

The TAM receptors (Tyro3, Axl, and Mertk) are a family of receptor tyrosine kinases whose ligands (Gas6 and Protein S) bind to phosphatidylserine on the surface of apoptotic cells and enveloped viruses. Axl is highly expressed by key cellular targets of ZIKA
Pricing & Availability

Cryo Recovery

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

Domestic

Pricing effective for USA, Canada and Mexico shipping destinations

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<tr>
<th>Cryorecovery - Domestic Pricing</th>
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<tr>
<td>SERVICE/PRODUCT</td>
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<tr>
<td>Cryo Recovery</td>
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