This targeted mutant was created and characterized by Deltagen, Inc. We developed phenotypic data and genetic background information. The genetic background is B6.129P2-Grm1<sup>tm1Dgen</sup>/J with Stock No: 005814. It's a Congenic, Targeted Mutation typically recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

**GENETIC OVERVIEW**

**Grm1<sup>tm1Dgen</sup>**

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Targeted (Reporter, Null/Knockout)</td>
<td>Grm1</td>
<td>glutamate receptor, metabotropic 1</td>
</tr>
</tbody>
</table>

**RESEARCH APPLICATIONS**

Research Tools  
Neurobiology Research

**BASE PRICE**

Starting at: $2,854.50 Domestic price Cryo Recovery

**VIEW GENETICS**

**VIEW ALL RESEARCH APPLICATIONS**

**VIEW PRICE LIST**
Details

Detailed Description

This targeted mutant was created and characterized by Deltagen, Inc. View phenotypic data developed by Deltagen.

Development

Expression Data

Control Suggestions

Genetics

Grm1<sup>tm1Dgen</sup>

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support
Genotyping Protocols
- Standard PCR: Generic LacZ
- Standard PCR: Generic Neo
- Standard PCR: Generic LacZ Melt Curve Analysis
  Probe: Generic Neo
  Probe: Generic LacZ Probe
- Genotyping resources and troubleshooting

Citation
When using the B6.129P2-Grm1<sup>tm1Dgen</sup>/J mouse strain in a publication, please cite the originating article(s) and include JAX stock #005814 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>
</tr>
</thead>
<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous or Wild-type for Grm1&lt;sup&gt;tm1Dgen&lt;/sup&gt;</td>
<td>$2,854.50</td>
</tr>
</tbody>
</table>

CRYORECOVERY - DOMESTIC PRICING

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frozen Mouse Embryo</td>
<td>B6.129P2-Grm1&lt;sup&gt;tm1Dgen&lt;/sup&gt;/J Frozen Embryos</td>
<td>$2595.00</td>
</tr>
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</table>

PAYMENT TERMS AND CONDITIONS

Terms are granted by individual review and stated on the customer invoice(s) and account statement. These transactions are payable in U.S. currency within the granted terms. Payment for services, products, shipping containers, and shipping costs that are rendered are expected within the payment terms indicated on the invoice or stated by contract. Invoices and account balances in arrears of stated terms may result in The Jackson Laboratory pursuing collection activities including but not
The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic background of JAX® Mice strains as well as the genotypes of strains with identified molecular mutations. JAX® Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. Therefore, we cannot guarantee a strain's phenotype will meet all expectations. To ensure that JAX® Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project. We do not guarantee breeding performance and therefore suggest that investigators order more than one breeding pair to avoid delays in their research.