B6.129S7-Ifngt1<sup>tm1AgI</sup>/J

**Additional Use Restrictions Apply**

Stock No: 003288 | Ifngr KO

- **Congenic, Targeted Mutation**

**Overview**

**Also Known As: G129, Ifngr KO**

Mice homozygous for the Ifngt1<sup>tm1</sup> knock-out mutation have normal T cell responses but are defective in natural resistance, evidenced by an increased susceptibility to infection by Listeria monocytogenes and vaccinia virus. Mouse mutants involving this gene have been used in studies of Zika virus pathogenesis. Note: these mice carry the same allele as 'G129' mice, although on a congenic C57BL/6, not 129, genetic background.

**Genetic overview**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>000664 C57BL/6J</td>
<td>N10F34</td>
</tr>
<tr>
<td></td>
<td>(14-AUG-14&lt;)</td>
</tr>
</tbody>
</table>

*Ifngt1<sup>tm1AgI</sup>*
<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Targeted (Null/Knockout)</td>
<td>Ifngr1</td>
<td>interferon gamma receptor 1</td>
</tr>
</tbody>
</table>

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