B6.129S2-Pms2^m1Lisk/J

Additional Use Restrictions Apply

Stock No: 010945

Congenic, Targeted Mutation

Overview

This targeted mutation of the postmeiotic segregation increased 2 gene (Pms2) exhibits male infertility, microsatellite DNA instability and increased tumor incidence. This strain may useful in the studies of spermatogenesis, cancer and DNA mismatch repair.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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</thead>
<tbody>
<tr>
<td><strong>Pms2^m1Lisk</strong></td>
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<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>Pms2</td>
<td>PMS1 homolog2, mismatch repair system component</td>
</tr>
</tbody>
</table>

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