B6.129P2-Msh2^mut^/Mmjax

MMRRC Stock No: 42057-JAX | MSH2^−

Congenic, Targeted Mutation

Overview

Also Known As: MSH2^−

A percentage of Msh2 (mutS homolog 2) knock-out mice develop lymphoid tumors containing microsatellite instabilities by two months of age. These mice may be useful for studies of the pathogenesis of cancer and as a screen for carcinogenic and anti-cancer agents.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>Msh2^mut^</td>
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<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Targeted (Null/Knockout)</td>
<td>Msh2</td>
<td>mutS homolog 2</td>
</tr>
</tbody>
</table>

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