C57BL/6J-Apc<sup>Min</sup>/J

Stock No: 002020 | multiple intestinal neoplasia

Chemically Induced Mutation, Coisogenic

Overview

Also Known As: Min, multiple intestinal neoplasia

Heterozygotes of this strain develop anemia and are highly susceptible to spontaneous intestinal adenoma formation. Homozygous C57BL/6J-Apc<sup>Min</sup>/J mice are not viable. The increased incidence of colorectal adenomas renders these mice a useful model of colon cancer. A small number of C57BL/6J-Apc<sup>Min</sup> heterozygous female mice develop mammary tumors.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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</thead>
<tbody>
<tr>
<td>N79pN14</td>
<td>(05-AUG-14&lt;)</td>
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</tbody>
</table>

Apc<sup>Min</sup>

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Chemically induced (ENU)</td>
<td>Apc</td>
<td>adenomatosis polyposis coli</td>
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</tbody>
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