FVB.129P2-Abcb4<sup>tm1Bar</sup>/J

Stock No: 002539 | MDR2 KO

*Congenic, Targeted Mutation*

**Overview**

**Also Known As: MDR2 KO**

MDR2 KO (Abcb4 or ATP-binding cassette, sub-family B (MDR/TAP), member 4) mice fail to secrete phospholipid into the bile from the liver. Mice develop portal inflammation followed by hepatocellular carcinoma. This strain may be useful in studies of intrahepatic cholestasis and liver cancer.

**Genetic overview**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>FVB/N</td>
<td>N10→pN1</td>
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<tr>
<td></td>
<td>(21-MAR-18&lt;)</td>
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</tbody>
</table>

**Abcb4<sup>tm1Bar</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>Abcb4</td>
<td>ATP-binding cassette, sub-family B (MDR/TAP), member 4</td>
</tr>
</tbody>
</table>

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