B6.129P2-ApoE\textsuperscript{tm1Unc}/J

Stock No: 002052 | ApoE KO

- Congenic, Targeted Mutation

READILY AVAILABLE

Overview

Also Known As: ApoE KO

Mice homozygous for the ApoE\textsuperscript{tm1Unc} mutation show a marked increase in total plasma cholesterol levels that are unaffected by age or gender. Fatty streaks in the proximal aorta are found at three months of age. The lesions increase with age and progress to lesions with less lipid but more elongated cells, typical of a more advanced stage of pre-atherosclerotic lesion.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>C57BL/6</td>
<td>N15F5pF4</td>
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<tr>
<td></td>
<td>(14-AUG-14&lt;)</td>
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</tbody>
</table>
Allele Type | Gene Symbol | Gene Name
---|---|---
Targeted (Null/Knockout) | Apoe | apolipoprotein E

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