B6.129P2-II10^{tm1Ggn}/J

Additional Use Restrictions Apply

Stock No: 002251 | II-10 KO

Congenic, Targeted Mutation

AVAILABLE NOW

Overview

Also Known As: II-10 KO

B6.129P2-II10^{tm1Ggn}/J mutant mice spontaneously develop a chronic inflammatory bowel disease (IBD). II10-deficiency is associated with altered lymphocyte and myeloid profiles, elevated serum amyloid A levels, altered responses to inflammatory or autoimmune stimuli, increased prevalence of colorectal adenocarcinoma, and spontaneous development of chronic enterocolitis. II10-deficient mice exhibit a significant increase in peripheral blood granulocyte populations upon lesion development.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>C57BL/6</td>
<td>N13F10</td>
</tr>
<tr>
<td></td>
<td>(05-AUG-14)</td>
</tr>
</tbody>
</table>

II10^{tm1Ggn}
<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>II:10</td>
<td>interleukin 10</td>
</tr>
</tbody>
</table>

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See mouse strain information online for current details

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