NOD.129P2(B6)-Lyz2<sup>tm1creloxP</sup>/NadLJ

Additional Use Restrictions Apply

Stock No: 019096 | LysMcre

Congenic, Targeted Mutation

Overview

Also Known As: LysMcre

The LysMcre knock-in/knockout allele has a nuclear-localized Cre recombinase inserted into the first coding ATG of the lysozyme 2 gene (Lyz2); both abolishing endogenous Lyz2 gene function and placing NLS-Cre expression under the control of the endogenous Lyz2 promoter/enhancer elements. These LysMcre mice may be useful for Cre-lox studies of the myeloid cell lineage (monocytes, mature macrophages and granulocytes) and the innate immune response.

Genetic Overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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</thead>
<tbody>
<tr>
<td>Lyz2&lt;sup&gt;tm1creloxP&lt;/sup&gt;</td>
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<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Targeted (Recombinase-expressing)</td>
<td>Lyz2</td>
<td>lysozyme 2</td>
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</tbody>
</table>

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