C57BL/6-Tg(Pf4-icre)Q3Rsko/J

Stock No: 008535 | Pf4-Cre (or Cxcl4-iCre)

Coisogenic, Transgenic

Overview

Also Known As: Pf4-Cre (or Cxcl4-iCre)

These transgenic mice express a codon-improved Cre recombinase (iCre) under the control of the mouse Pf4 (platelet factor 4), or Cxcl4, promoter. Cre recombinase expression is detected in the majority of megakaryocytes. This strain represents an effective tool for generating megakaryocyte lineage-restricted specific-targeted mutants.

Genetic overview

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<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td></td>
<td>F7×F15N1F6</td>
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<td>(16-APR-18&lt;)</td>
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Tg(Pf4-icre)Q3Rsko

Allele Type

Transgenic (Recombinase-expressing)

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