NOD.129P2(C)-Tcra\textsuperscript{tm1Mjo}/DoIj

Stock No: 004444 | NOD.Tcra

Congenic, Targeted Mutation

Overview

Also Known As: NOD.Tcra

NOD mice homozygous for the Tcra\textsuperscript{tm1Mjo} targeted mutation lack alpha beta T cells, and therefore, are completely protected from diabetes development. Because of the complete elimination of alpha beta T cells, these mice are useful in adoptive transfer experiments (as in Hoglund et al. 1999).

Genetic overview

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<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<td>NOD</td>
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<th>Tcra\textsuperscript{tm1Mjo}</th>
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<td>Allele Type</td>
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<td>Targeted (Null/Knockout)</td>
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