B6.129P2-Ctla4<sup>tm1Max</sup>/Mjax

MMRRC Stock No: 42058-JAX | Ctla-4<sup>-</sup>

Congenic, Targeted Mutation

Overview

Also Known As: Ctla-4<sup>-</sup>

Ctla4 (cytotoxic T-lymphocyte-associated protein 4) knockout out mice die by 3-4 weeks of age following an accumulation of T cell blasts, which infiltrate spleen, lymph nodes,liver, heart, lung, bone marrow and pancreas. These mice may be useful for studies of the negative regulation of T cell activation and lymphocyte homeostasis.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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</thead>
</table>

Ctla4<sup>tm1Max</sup>

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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</thead>
<tbody>
<tr>
<td>Targeted (Null/Knockout)</td>
<td>Ctla4</td>
<td>cytotoxic T-lymphocyte-associated protein 4</td>
</tr>
</tbody>
</table>

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