B6.129S4-Vdr<sup>tm1Mеб</sup>/J

Additional Use Restrictions Apply

Stock No: 006133 | VDR KO

Congenic, Targeted Mutation

Overview

Also Known As: VDR KO

These Vdr knockout mutants exhibit a phenotype similar to that seen in patients with hereditary vitamin D-dependent rickets type II. They display a range of traits including hypocalcemia, hypophosphatemia, hyperparathyroidism, increased serum parathyroid hormone, abnormal blood mineral levels, and growth retardation.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>N8×N2F12 (06-JUL-17+)</td>
<td></td>
</tr>
</tbody>
</table>

Vdr<sup>tm1Mеб</sup>

<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>Vdr</td>
<td>vitamin D (1,25-dihydroxyvitamin D3) receptor</td>
</tr>
</tbody>
</table>

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