B6.129P2-Esr2^{tm1Unc} /J

Additional Use Restrictions Apply

Stock No: 004745 | ER KO

Congenic, Targeted Mutation

Overview

Also Known As: ER KO

Homzygous females for this knockout mutation are subfertile, producing fewer and smaller litters than wildtype controls. Decreased numbers of oocytes are also produced in response to superovulation compared to wildtype controls. Male homozygotes are fertile and exhibit epithelial hyperplasia in the bladder wall and prostatic collecting ducts. This mutant mouse strain may be useful in studies related to discerning the physiological roles of the estrogen signaling system.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>N8I TacN2F3</td>
<td>(11-APR-18)</td>
</tr>
</tbody>
</table>

Esr2^{tm1Unc}

<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>Esr2</td>
<td>estrogen receptor 2 (beta)</td>
</tr>
</tbody>
</table>

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See mouse strain information online for current details

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