B6.Cg-Tg(Sry)2Ei Sry<sup>d1Rlb</sup>/ArnoJ

**Additional Use Restrictions Apply**

Stock No: 010905

- Congenic, Spontaneous Mutation, Transgenic

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**Overview**

**Also Known As: Tdy ml**

XY mice with the d1Rlb allele in the sex determining region of the Y chromosome (Sry) gene, are phenotypic gonadal females. XX Tg(Sry)2Ei mice carrying the Tg(Sry)2Ei transgene are phenotypic gonadal males. The combination of these two mutations produces four "core" genotypes that may be useful in the study of the interaction of sex chromosomes and gonadal type that influences phenotypic characteristics.

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**Genetic overview**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sry</strong>&lt;sup&gt;d1Rlb&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Allele Type</td>
<td>Gene Symbol</td>
</tr>
<tr>
<td>Spontaneous</td>
<td>Sry</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Tg(Sry)2Ei</strong></th>
<th></th>
</tr>
</thead>
</table>
| Allele Type    | Transgenic (Inserted expressed sequence)

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