B6.129P2-Lgr6<sup>tm2.1creERT2</sup>Cge/J

Additional Use Restrictions Apply

Stock No: 016934 | Lgr6-GFP-ires-CreERT2

Congenic, Targeted Mutation

Overview

Also Known As: Lgr6-GFP-ires-CreERT2

These Lgr6 knock-out mice carry an EGFP-Ires-CreERT2 mutation that enables green fluorescent protein labeling of cells that normally express Lgr6. Lgr6 marks a distinct stem cell population located in hair follicles. The tamoxifen-inducible cre excision feature has been useful in tracing hair follicle stem cell fate.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lgr6&lt;sup&gt;tm2.1creERT2&lt;/sup&gt;Cge</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Targeted (Inducible, Recombinase-expressing)</td>
<td>Lgr6</td>
<td>leucine-rich repeat-containing G protein-coupled receptor 6</td>
</tr>
</tbody>
</table>

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