129S-H3f3a<sup>tm1.1Men</sup>/J

Stock No: 021788

- Coisogenic, Targeted Mutation

**Overview**

These H3f3a<sup>C/C</sup> mutant mice possess loxP sites flanking a wildtype H3 histone isoform 3 (H3.3) coding sequence and STOP sequence. When bred to mice expressing cre-recombinase, removal of the floxed sequence results in YFP expression. This strain may be useful for studying the role of histone H3.3 during development.

**Genetic overview**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tr>
<td>H3f3a&lt;sup&gt;tm1.1Men&lt;/sup&gt;</td>
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- **Allele Type**: Targeted (Conditional ready (e.g. floxed), No functional change)
- **Gene Symbol**: H3f3a
- **Gene Name**: H3 histone, family 3A

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