Also Known As: Neurotensin-IRES-tauGFP, NT-GFP
Green fluorescent protein in these targeted neurotensin mutant mice marks cells of the main olfactory bulb and their axons.

Donating Investigator
Peter Mombaerts, Max Planck Research Unit for Neurogenetics

## Genetic Overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>Nts&lt;sup&gt;tm1Mom&lt;/sup&gt;</td>
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<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
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<tr>
<td>Targeted (Reporter)</td>
<td>Nts</td>
<td>neurotensin</td>
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</table>

## RESEARCH APPLICATIONS

- Sensorineural Research
- Research Tools
- Developmental Biology Research

**BASE PRICE**

**STOCK Nts<sup>tm1Mom</sup>/MomJ**
Stock No: 006702 | NT-GFP
Targeted Mutation

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.
Through bicistronic expression of enhanced green fluorescing protein and neurotensin, this strain permits the visualization of the mitral and tufted cells of the main olfactory bulb thereby permitting developmental analysis in the lateral olfactory tract.
Genotyping Protocols
Standard PCR: Nts
Genotyping resources and troubleshooting

Breeding Considerations
This strain can be maintained by intercrossing homozygotes

Additional Breeding and Husbandry Support

Citation
When using the NT-GFP mouse strain in a publication, please cite the originating article(s) and include JAX stock #006702 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Descriptions

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, G200

Pricing & Availability

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous for Nts&lt;tm1Mom&gt;</td>
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Related Products and Services

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<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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</thead>
<tbody>
<tr>
<td>Frozen Mouse Embryo</td>
<td>STOCK Nts&lt;tm1Mom&gt;/MomJ Frozen Embryo</td>
<td>$2,595.00</td>
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Payment Terms and Conditions
Terms are granted by individual review and stated on the customer invoice(s) and account statement. These transactions are
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Email: TechTran@jax.org

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**Related Strains**

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<tbody>
<tr>
<td>By Allele</td>
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<tr>
<td>By Gene</td>
</tr>
<tr>
<td>By Collection</td>
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</tbody>
</table>

All Related Strains