


**FVB/N-Taok2** <sup>Tg(Tyr)2276AOve</sup> /Mmjax

MMRRC Stock No: **36278-JAX**

 Coisogenic, Transgenic

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(LV2177). The donating investigator reports the phenotype of homozygous mice as: smaller than normal.

### Donating Investigator

Paul A Overbeek, Baylor College of Medicine

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## GENETIC OVERVIEW

Genetic Background

Generation

*Taok2*<sup>Tg(Tyr)2276AOve</sup>

### Alele Type

Transgenic (Inserted expressed sequence)

VIEW GENETICS

## RESEARCH APPLICATIONS

Developmental Biology Research

VIEW ALL RESEARCH APPLICATIONS

## Details

### Detailed Description

These OVE#2276A mice harbor a mutation created by random insertion of the Tyro-WPRE-FUGW lentiviral transgene (LV2177). Using inverse PCR analysis, the transgene integration site was identified in intron 5 of the TAO kinase 2 gene (*Taok2*) on chromosome 7 (specifically at the 5'-134,022,901(-) bp position in antisense orientation). The donating investigator reports the phenotype of homozygous mice as: smaller than normal.

### Development

### Expression Data

### Control Suggestions

## Genetics

### *Taok2*<sup>Tg(Tyr)2276AOve</sup>

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

### References

## Technical Support

## Genotyping Protocols

Separated PCR:[Taok2-3'](#)

Separated MCA:[Taok2 3'](#)

[Genotyping resources and troubleshooting](#)

## Breeding Considerations

When maintaining a live colony, heterozygous mice may be bred together, bred with wildtype siblings, or bred with FVB/N inbred mice.

[Additional Breeding and Husbandry Support](#)

## Citation

When using the FVB/N-*Taok2*<sup>Tg(Tyr)2276AOve</sup>/Mmjax mouse strain in a publication, please [cite the originating article\(s\)](#) and include MMRRC stock #36278 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](#)*

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