


FVB/N-Taf6 ^{Tg(Tyr)2391A-1cOve} /Mmjax

MMRRC Stock No: **36218-JAX**

 Coisogenic, Transgenic

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transgene (LV2187). Using inverse PCR analysis, the transgene integration site was identified in intron 6 of the TATA box binding protein (TBP)-associated factor 6 gene (*Taf6*) on chromosome 5 (specifically at the 5'-138,624,091(-) bp position in antisense orientation). The donating investigator reports the phenotype of homozygous mice as: may be preimplantation lethal.

Donating Investigator

Paul A Overbeek, Baylor College of Medicine

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GENETIC OVERVIEW

Genetic Background

Generation

Taf6^{Tg(Tyr)2391A-1cOve}

Alele Type

Transgenic (Inserted expressed sequence)

VIEW GENETICS

RESEARCH APPLICATIONS

Developmental Biology Research

VIEW ALL RESEARCH APPLICATIONS

Details

Detailed Description

These OVE#2391A-1c mice harbor a mutation created by random insertion of the Tyro-sd-IRES-loxP-FUGW lentiviral transgene (LV2187). Using inverse PCR analysis, the transgene integration site was identified in intron 6 of the TATA box binding protein (TBP)-associated factor 6 gene (*Taf6*) on chromosome 5 (specifically at the 5'-138,624,091(-) bp position in antisense orientation). The donating investigator reports the phenotype of homozygous mice as: may be preimplantation lethal.

Development

Expression Data

Control Suggestions

Genetics

Taf6^{Tg(Tyr)2391A-1cOve}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols

Separated PCR: [Taf6-5'](#)

[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-*Taf6*^{Tg(Tyr)2391A-1cOve}/Mmjax mouse strain in a publication, please [cite the originating article\(s\)](#) and include MMRRC stock #36218 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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LICENSING INFORMATION

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Email: TechTran@jax.org

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All

By Allele

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