

FVB/N-Zfp335^{Tg(Tyr)2359A-4d2Ove}/Mmjax

MMRRC Stock No: 36213-JAX

Coisogenic, Transgenic

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transgene (LV2187). Using inverse PCR analysis, the transgene integration site was identified in exon 8 of the zinc finger protein 335 gene (*Zfp335*) on chromosome 2 (specifically at the 3'-164,728,108(-) bp position). The donating investigator reports the phenotype of homozygous mice as: preimplantation lethal.

Donating Investigator

Paul A Overbeek, Baylor College of Medicine

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GENETIC OVERVIEW

Genetic Background

Generation

Zfp335^{Tg(Tyr)2359A-4d2Ove}

Alele Type

Transgenic (Inserted expressed sequence)

VIEW GENETICS

RESEARCH APPLICATIONS

Developmental Biology Research

VIEW ALL RESEARCH APPLICATIONS

Details

Detailed Description

These OVE#2359A-4d2 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 exon 8 of the zinc finger protein 335 gene (*Zfp335*) on chromosome 2 (specifically at the 3'-164,728,108(-) bp position). The donating investigator reports the phenotype of homozygous mice as: preimplantation lethal.

Development

Expression Data

Control Suggestions

Genetics

Zfp335^{Tg(Tyr)^{2359A-4d2}Ove}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols

[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-Zfp335^{Tg(Tyr)2359A-4d2Ove}/Mmjax mouse strain in a publication, please [cite the originating article\(s\)](#) and include MMRRC stock #36213 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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