

FVB/N-Ehmt1 ^{Tg(Tyr)2265COve} /Mmjax

MMRRC Stock No: **36257-JAX**

 Coisogenic, Transgenic

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(LV2177). The donating investigator reports the phenotype of homozygous mice as: embryonic day (E)10 lethal.

Donating Investigator

Paul A Overbeek, Baylor College of Medicine

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GENETIC OVERVIEW

Genetic Background

Generation

Ehmt1^{Tg(Tyr)2265COve}

Alele Type

Transgenic (Inserted expressed sequence)

VIEW GENETICS

RESEARCH APPLICATIONS

Developmental Biology Research

VIEW ALL RESEARCH APPLICATIONS

Details

Detailed Description

These OVE#2265C 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 15 of the euchromatic histone methyltransferase 1 gene (*Ehmt1*) on chromosome 2 (specifically at the 5'-24,677,415(-) bp position in antisense orientation). The donating investigator reports the phenotype of homozygous mice as: embryonic day (E)10 lethal.

Development

Expression Data

Control Suggestions

Genetics

Ehmt1^{Tg(Tyr)2265COve}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols

Separated PCR:[Ehmt1-5'](#)

[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-*Ehmt1*^{Tg(Tyr)2265COve}/Mmjax mouse strain in a publication, please [cite the originating article\(s\)](#) and include MMRRC stock #36257 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

Phone: 207-288-6470

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All

By Allele

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