


FVB/N-*Dync2h1*^{Tg(Tyr)2307A^{Ove}}/Mmjax

MMRRC Stock No: 36259-JAX

 Coisogenic, Transgenic

ORDER AT MMRRC JAX

[Email](#) [Download PDF](#) [Help](#)

(LV2177). The donating investigator reports the phenotype of homozygous mice as: embryonic day (E)10-12 lethal.

Donating Investigator

Paul A Overbeek, Baylor College of Medicine

READ MORE +

GENETIC OVERVIEW

Genetic Background

Generation

Dync2h1^{Tg(Tyr)2307A^{Ove}}

Alele Type

Transgenic (Inserted expressed sequence)

VIEW GENETICS

RESEARCH APPLICATIONS

Developmental Biology Research

VIEW ALL RESEARCH APPLICATIONS

Details

Detailed Description

These OVE#2307A 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 25 of the dynein cytoplasmic 2 heavy chain 1 gene (*Dync2h1*) on chromosome 9 (specifically at the 3'-6,987,582(-) bp position in sense orientation). The donating investigator reports the phenotype of homozygous mice as: embryonic day (E)10-12 lethal.

Development

Expression Data

Control Suggestions

Genetics

Dync2h1^{Tg(Tyr)2307AOve}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols
Separated PCR:[Dync2h1-3'](#)
[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-*Dync2h1*^{Tg(Tyr)2307A^{Ove}}/Mmjax mouse strain in a publication, please [cite the originating article\(s\)](#) and include MMRRC stock #36259 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](#)

THE JACKSON LABORATORY'S GENOTYPE PROMISE

The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic background of JAX® Mice strains as well as the genotypes of strains with identified molecular mutations. JAX® Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. **Therefore, we cannot guarantee a strain's phenotype will meet all expectations.** To ensure that JAX® Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project. We do not guarantee [breeding performance](#) and therefore suggest that investigators order more than one breeding pair to avoid delays in their research.

🔻 Terms Of Use

TERMS OF USE

[General Terms and Conditions](#)

[See MMRRC for Additional Conditions of Distribution](#)

Q U E S T I O N S A B O U T T E R M S O F U S E

LICENSING INFORMATION

Phone: 207-288-6470
Email: TechTran@jax.org

🔻 Related Strains

All

By Allele

By Gene

By Collection



DO YOU NEED BALB/c MICE?

Rely on JAX to provide the models you need, when you need them.

LEARN MORE



CONTACT



DONATE



SUBSCRIBE

JAX HOME CAREERS LEGAL INFORMATION

RESEARCH CENTERS MOUSE GENOME INFORMATICS


MOUSE PHENOME DATABASE

Leading the search for

TOMORROW'S CURES



©2021 THE JACKSON LABORATORY

Choose other country or region 

 [E](#) [E](#) [E](#) [D](#) [B](#)

Did you find what you were looking for?

Yes No