

**FVB/N-*Rttn*<sup>TgTn(sb-cHS4,Tyr)2514A-1bOve</sup>/Mmjax**

MMRRC Stock No: **36251-JAX**

 [Coisogenic](#), [Transgenic](#), [Transposon Induced Mutation](#)

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lentiposon transgene (LV2229). The donating investigator reports the phenotype of homozygous mice as: may have flattened "pancake" appearance at embryonic day (E)8.

### Donating Investigator

Paul A Overbeek, Baylor College of Medicine

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## GENETIC OVERVIEW

Genetic Background

Generation

*Rttn*<sup>TgTn(sb-cHS4,Tyr)2514A-1bOve</sup>

### Alele Type

Transgenic (Inserted expressed sequence)

VIEW GENETICS

## RESEARCH APPLICATIONS

Developmental Biology Research

VIEW ALL RESEARCH APPLICATIONS

## Details

### Detailed Description

These OVE#2514A-1b mice harbor a mutation created by random insertion of the SB-cHS4core-SB-Tyro-WPRE-FUGW lentiposon transgene (LV2229). Using inverse PCR analysis, the transgene integration site was identified in intron 36 of the rotatin gene (*Rttm*) on chromosome 18 (specifically at the 3'-89,268,302(-) bp position in antisense orientation). The donating investigator reports the phenotype of homozygous mice as: may have flattened "pancake" appearance at embryonic day (E)8.

### Development

### Expression Data

### Control Suggestions

## Genetics

### *Rttm*<sup>TgTn(sb-cHS4,Tyr)2514A-1bOve</sup>

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

### References

## Technical Support

## Genotyping Protocols

Separated PCR:Rttn-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-Rttn<sup>TgTn(sb-cHS4,Tyr)2514A-1bOve</sup>/Mmjax mouse strain in a publication, please [cite the originating article\(s\)](#) and include MMRRC stock #36251 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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