The Jackson Laboratory

STOCK Rb(11.13)4Bnr/J
Stock No: **000729**
Chromosome Aberration, Robertsonian

Please contact Technical Support for more information

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reproduction/meiosis, birth defects, aneuploidy generation, other genomic studies or genetic mapping.

READ MORE +

GENETIC OVERVIEW

Genetic Background	Generation

Rd3^{rd3}

Allele Type	Gene Symbol	Gene Name
Spontaneous	*Rd3*	retinal degeneration 3

Mc1r$^{E\text{-}tob}$

Allele Type	Gene Symbol	Gene Name
Spontaneous	*Mc1r*	melanocortin 1 receptor

Marker(s)

Marker Symbol	Marker Name
Rb(11.13)4Bnr	Robertsonian translocation, Chr 11 and 13, Universitat Bonn/Rhein 4
Rb(11.13)4Bnr	Robertsonian translocation, Chr 11 and 13, Universitat Bonn/Rhein 4

VIEW GENETICS

RESEARCH APPLICATIONS

Endocrine Deficiency Research
Sensorineural Research

VIEW ALL RESEARCH APPLICATION

Details

Important Note

This strain is homozygous for retinal degeneration 3, *rd3*.

Detailed Description

This inbred strain bears a Robertsonian translocation, Rb(11.13)4Bnr, and a spontaneous eye mutation, *Rd3*^{rd3}, and was derived from the sibling inbreeding of an F1 cross between a female from the outbred NMRI stock and a wild trapped Mus poschiavinus male from Val Poschiavo, Switzerland. It may be useful for studies of retinal degeneration, cancer, reproduction/meiosis, birth defects, aneuploidy generation, other genomic studies or genetic mapping.

Development

Genetics

Rd3^{rd3}

Mc1r$^{E\text{-}tob}$

Rb(11.13)4Bnr

Rb(11.13)4Bnr

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

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Genotyping Protocols
Genotyping resources and troubleshooting

Mating System
Homozygote x Homozygote

Appearance
albino

Related Genotype: *Tyr^{c} /Tyr^{c} Mc1r$^{E\text{-}tob}$ /Mc1r$^{E\text{-}tob}$*

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

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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains