Overview

Embryos homozygous for the mutation cannot be detected after embryonic day 2.5. Heterozygotes are born at the expected Mendelian ratio. This mutant mouse strain may be useful in studies of early embryonic development.

Donating Investigator

Zhiyi Zuo, University of Virginia
Developmental Biology Research

**Details**

**Detailed Description**

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**Development**

**Control Suggestions**

**Selected References**

**Genetics**

**Rfx1<sup>Gt(RRO347)Byg</sup>**

**Disease/Phenotype**

**Disease Terms**

**Research Areas By Genotype**

**Mammalian Phenotype Terms by Genotype**

**References**
Genotyping Protocols

Standard PCR: Rfx1<sup>Gt(RRO347)Byg</sup>

Genotyping resources and troubleshooting

Breeding Considerations

While maintaining a live colony, these mice are bred as heterozygotes. Mice homozygous for the mutation are not viable.

Additional Breeding and Husbandry Support

Citation

When using the B6;129P2-Rfx1<sup>Gt(RRO347)Byg</sup>/Mmjax mouse strain in a publication, please cite the originating article(s) and include MMRRC stock #32041 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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