

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 1, 2025

[Rfx3^{tm2.1Wrth}](#)/[Rfx3^{tm2.1Wrth}](#)

RRID:MGI:3045845

Type: Organism

Proper Citation

RRID:MGI:3045845

Organism Information

URL:

Proper Citation: RRID:MGI:3045845

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal left-right axis patterning, abnormal direction of heart looping, decreased birth body size, abnormal direction of embryo turning, dextrocardia, abnormal motile primary cilium morphology, embryonic lethality during organogenesis, incomplete penetrance, perinatal lethality, incomplete penetrance, situs inversus, mesocardia, postnatal growth retardation

Affected Gene: Rfx3

Genomic Alteration: tm2.1Wrth

Catalog Number: 3045845

Background: involves: 129 * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15121860](#)

Organism Name: Rfx3^{tm2.1Wrth}/Rfx3^{tm2.1Wrth}

Record Creation Time: 20240120T190656+0000

Record Last Update: 20240130T202037+0000

Ratings and Alerts

No rating or validation information has been found for Rfx3^{tm2.1Wrth}/Rfx3^{tm2.1Wrth}.

No alerts have been found for Rfx3^{tm2.1Wrth}/Rfx3^{tm2.1Wrth}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Charoy C, et al. (2017) Genetic specification of left-right asymmetry in the diaphragm muscles and their motor innervation. eLife, 6.