

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

[Igf1r^{tm2.1Arge}/Igf1r^{tm2.1Arge}](#)

RRID:MGI:5306153

Type: Organism

Proper Citation

RRID:MGI:5306153

Organism Information

URL:

Proper Citation: RRID:MGI:5306153

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

Species: Mus musculus

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

Phenotype: abnormal lateral semicircular canal morphology, abnormal semicircular canal morphology, abnormal cochlear inner hair cell morphology, decreased cochlear inner hair cell number, decreased cochlear outer hair cell number, abnormal inner hair cell kinocilium morphology, abnormal cochlear outer hair cell morphology, abnormal cochlear hair cell stereociliary bundle morphology, prenatal growth retardation, abnormal posterior semicircular canal morphology, abnormal bony labyrinth, abnormal cochlear hair cell development, respiratory failure, abnormal cochlear sensory epithelium morphology, decreased cochlear hair cell number, abnormal cochlea morphology, neonatal lethality, complete penetrance

Affected Gene: Igf1r

Genomic Alteration: tm2.1Arge

Catalog Number: 5306153

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22159122](#)

Organism Name: Igf1^{tm2.1Arge}/Igf1^{tm2.1Arge}

Record Creation Time: 20240120T190158+0000

Record Last Update: 20240130T201749+0000

Ratings and Alerts

No rating or validation information has been found for Igf1^{tm2.1Arge}/Igf1^{tm2.1Arge}.

No alerts have been found for Igf1^{tm2.1Arge}/Igf1^{tm2.1Arge}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.