

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

[F2r^{tm1Ajc}/F2r^{tm1Ajc}](#)

RRID:MGI:3521663

Type: Organism

Proper Citation

RRID:MGI:3521663

Organism Information

URL:

Proper Citation: RRID:MGI:3521663

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

Species: Mus musculus

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

Phenotype: abnormal cell physiology, neoplasm, increased bone trabecula number, long femur, abnormal urine protein level, abnormal sinus venosus morphology, distended pericardium, embryonic lethality during organogenesis, incomplete penetrance, hemopericardium, hemorrhage, absent vitelline blood vessels, embryonic growth retardation, polyuria, increased urine sodium level, abnormal circulating protein level, decreased compact bone thickness, decreased bone trabecular spacing, abnormal neuron apoptosis, abnormal bone volume, increased body weight, increased trabecular bone volume, increased compact bone volume, homeostasis/metabolism phenotype, increased urine pH, abnormal vitelline vasculature morphology, skeleton phenotype, increased bone mineral density

Affected Gene: F2r

Genomic Alteration: tm1Ajc

Catalog Number: 3521663

Background: B6.129S4-F2r

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11850418](#), [PMID:14980205](#), [PMID:15031212](#), [PMID:25460576](#), [PMID:11533492](#)

Organism Name: F2r^{tm1Ajc}/F2r^{tm1Ajc}

Record Creation Time: 20240120T190643+0000

Record Last Update: 20240130T202030+0000

Ratings and Alerts

No rating or validation information has been found for F2r^{tm1Ajc}/F2r^{tm1Ajc}.

No alerts have been found for F2r^{tm1Ajc}/F2r^{tm1Ajc}.

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.