

Resource Summary Report

Generated by [Kravitz](#) on Sep 15, 2026

[Atf4^{tm1Tow}/Atf4^{tm1Tow}](#)

RRID:MGI:3043294

Type: Organism

Proper Citation

RRID:MGI:3043294

Organism Information

URL:

Proper Citation: RRID:MGI:3043294

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

Species: Mus musculus

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

Phenotype: perinatal lethality, incomplete penetrance, decreased body weight, decreased cell proliferation, decreased hematocrit, male infertility, female infertility, reduced male fertility, ruffled hair, impaired hematopoiesis, delayed hair appearance, postnatal growth retardation, decreased hepatocyte number, postnatal lethality, incomplete penetrance, absent common myeloid progenitor cells, microphthalmia, pale liver, anemia, decreased body length

Affected Gene: Atf4

Genomic Alteration: tm1Tow

Catalog Number: 3043294

Background: involves: 129S1/Sv * 129X1/SvJ * NIH Black Swiss

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11806972](#)

Organism Name: Atf4^{tm1Tow}/Atf4^{tm1Tow}

Record Creation Time: 20240120T190700+0000

Record Last Update: 20240130T202115+0000

Ratings and Alerts

No rating or validation information has been found for Atf4^{tm1Tow}/Atf4^{tm1Tow}.

No alerts have been found for Atf4^{tm1Tow}/Atf4^{tm1Tow}.

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.