

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

[E2f4^{tm1Jrn}/E2f4^{tm1Jrn}](#)

RRID:MGI:3722645

Type: Organism

Proper Citation

RRID:MGI:3722645

Organism Information

URL:

Proper Citation: RRID:MGI:3722645

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

Species: Mus musculus

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

Phenotype: abnormal small intestine goblet cell morphology, decreased thymocyte number, macrocytosis, increased double-negative T cell number, increased NK cell number, abnormal intestinal mucosa morphology, abnormal intestinal epithelium morphology, abnormal reticulocyte morphology, abnormal vocalization, decreased small intestinal villus size, abnormal definitive hematopoiesis, abnormal granulocyte morphology, increased number of Howell-Jolly bodies, hyperresponsive, abnormal crypts of Lieberkuhn morphology, abnormal small intestinal villus morphology, anemia, decreased body size, postnatal lethality, incomplete penetrance, thymus hypoplasia, premature death, decreased double-positive T cell number, reduced fertility, decreased fetal size, short snout, spontaneous skin ulceration, abnormal colon goblet cell morphology, broad head, decreased hematocrit, decreased granulocyte number, abnormal small intestine morphology, hemorrhage

Affected Gene: E2f4

Genomic Alteration: tm1Jrn

Catalog Number: 3722645

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10983977](#)

Organism Name: E2f4^{tm1Jrn}/E2f4^{tm1Jrn}

Record Creation Time: 20240120T190502+0000

Record Last Update: 20240130T201932+0000

Ratings and Alerts

No rating or validation information has been found for E2f4^{tm1Jrn}/E2f4^{tm1Jrn}.

No alerts have been found for E2f4^{tm1Jrn}/E2f4^{tm1Jrn}.

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.