

Resource Summary Report

Generated by [nidm-terms](#) on Aug 2, 2026

[E2f4^{tm1Lees}](#)/[E2f4^{tm1Lees}](#)

RRID:MGI:3582492

Type: Organism

Proper Citation

RRID:MGI:3582492

Organism Information

URL:

Proper Citation: RRID:MGI:3582492

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

Species: Mus musculus

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

Phenotype: abnormal intestine morphology, abnormal food intake, anisocytosis, decreased body weight, anemia, increased susceptibility to bacterial infection, abnormal vocalization, abnormal olfactory epithelium morphology, macrocytosis, embryonic growth retardation, abnormal erythropoiesis, pallor, decreased body size, decreased erythrocyte cell number, rhinitis, abnormal proerythroblast morphology, increased nucleated erythrocyte cell number, postnatal lethality, incomplete penetrance, dehydration, short snout, decreased hematocrit, reduced female fertility, reticulocytosis, abnormal middle ear morphology, broad snout, abnormal nasal cavity morphology, increased number of Howell-Jolly bodies, abnormal turbinate morphology, increased susceptibility to otitis media, reduced male fertility

Affected Gene: E2f4

Genomic Alteration: tm1Lees

Catalog Number: 3582492

Background: involves: 129S2/SvPas * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10983976](#)

Organism Name: E2f4^{tm1Lees}/E2f4^{tm1Lees}

Record Creation Time: 20240120T190627+0000

Record Last Update: 20240130T202021+0000

Ratings and Alerts

No rating or validation information has been found for E2f4^{tm1Lees}/E2f4^{tm1Lees}.

No alerts have been found for E2f4^{tm1Lees}/E2f4^{tm1Lees}.

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.