

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Egr1^{tm1Jmi}/Egr1^{tm1Jmi}](#)

RRID:MGI:4821394

Type: Organism

Proper Citation

RRID:MGI:4821394

Organism Information

URL:

Proper Citation: RRID:MGI:4821394

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

Species: Mus musculus

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

Phenotype: abnormal erythropoiesis, abnormal circulating alanine transaminase level, abnormal liver physiology, immune system phenotype, abnormal physiological response to xenobiotic, liver/biliary system phenotype, abnormal liver size, abnormal tumor necrosis factor level, increased liver triglyceride level, increased spleen weight, increased bone marrow cell number, thrombocytopenia, anemia, abnormal homeostasis, increased lymphocyte cell number, abnormal neutrophil morphology, postnatal growth retardation, abnormal leukocyte morphology, abnormal leukocyte cell number, increased T cell derived lymphoma incidence, increased incidence of tumors by chemical induction, neoplasm, decreased tumor latency, increased skin papilloma incidence, thick dermal layer, delayed wound healing, decreased inflammatory response, respiratory system phenotype, pulmonary interstitial fibrosis, pulmonary fibrosis, abnormal hematopoietic stem cell morphology, abnormal mitosis, decreased mitotic index, decreased liver regeneration, enlarged eye anterior chamber, decreased cerebral infarction size, abnormal microglial cell physiology, abnormal response to injury, abnormal eye morphology, abnormal cornea morphology, abnormal eye size, abnormal vision

Affected Gene: Egr1

Genomic Alteration: tm1Jmi

Catalog Number: 4821394

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18208539](#), [PMID:17420284](#), [PMID:15940638](#),
[PMID:15958557](#), [PMID:19679873](#), [PMID:18397757](#), [PMID:17197510](#), [PMID:15265859](#)

Organism Name: Egr1^{tm1Jmi}/Egr1^{tm1Jmi}

Record Creation Time: 20240120T190249+0000

Record Last Update: 20240130T201816+0000

Ratings and Alerts

No rating or validation information has been found for Egr1^{tm1Jmi}/Egr1^{tm1Jmi}.

No alerts have been found for Egr1^{tm1Jmi}/Egr1^{tm1Jmi}.

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.