

# Resource Summary Report

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

## [Egr1<sup>tm1Jmi</sup>/Egr1<sup>tm1Jmi</sup>](#)

RRID:MGI:4821394

Type: Organism

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### Proper Citation

RRID:MGI:4821394

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### 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<sup>tm1Jmi</sup>/Egr1<sup>tm1Jmi</sup>

**Record Creation Time:** 20240120T190249+0000

**Record Last Update:** 20240130T201816+0000

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## Ratings and Alerts

No rating or validation information has been found for Egr1<sup>tm1Jmi</sup>/Egr1<sup>tm1Jmi</sup>.

No alerts have been found for Egr1<sup>tm1Jmi</sup>/Egr1<sup>tm1Jmi</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.