

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 2, 2026

## [Egr2<sup>tm1Pch</sup>/Egr2<sup>tm1Pch</sup>](#)

RRID:MGI:2183218

Type: Organism

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### Proper Citation

RRID:MGI:2183218

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### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:2183218

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

**Species:** *Mus musculus*

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

**Phenotype:** decreased diameter of radius, decreased diameter of tibia, decreased length of long bones, abnormal bone structure, short femur, abnormal trigeminal nerve morphology, short radius, decreased width of hypertrophic chondrocyte zone, abnormal long bone epiphyseal plate morphology, abnormal mandible morphology, short tibia, abnormal bone mineralization, abnormal glossopharyngeal nerve morphology, decreased rhombomere 5 size, absent rhombomere 3, absent rhombomere 5, decreased rhombomere 6 size, decreased rhombomere 3 size, abnormal neural tube morphology, tremors, hypoactivity, weight loss, decreased body weight, postnatal growth retardation, abnormal motor capabilities/coordination/movement, postnatal lethality, incomplete penetrance, delayed eyelid opening, abnormal vagus nerve morphology, abnormal glossopharyngeal nerve morphology, abnormal facial nerve morphology, abnormal abducens nerve morphology, abnormal trigeminal nerve morphology, abnormal rhombomere morphology, tremors, abnormal cranial ganglia morphology, abnormal somatic nervous system morphology, abnormal sciatic nerve morphology, abnormal Schwann cell morphology, abnormal cranial nerve morphology, abnormal facial nerve morphology, abnormal skeleton development, abnormal long bone morphology, decreased diameter of femur, decreased diameter of long bones

**Affected Gene:** *Egr2*

**Genomic Alteration:** tm1Pch

**Catalog Number:** 2183218

**Background:** involves: 129S2/SvPas \* C57BL/6 \* DBA/2

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:7935840](#), [PMID:8565822](#), [PMID:9102308](#), [PMID:7903221](#)

**Organism Name:** Egr2<sup>tm1Pch</sup>/Egr2<sup>tm1Pch</sup>

**Record Creation Time:** 20240120T190748+0000

**Record Last Update:** 20240130T202107+0000

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## Ratings and Alerts

No rating or validation information has been found for Egr2<sup>tm1Pch</sup>/Egr2<sup>tm1Pch</sup>.

No alerts have been found for Egr2<sup>tm1Pch</sup>/Egr2<sup>tm1Pch</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.