

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

[Egr2^{tm1Pch}/Egr2^{tm1Pch}](#)

RRID:MGI:2183218

Type: Organism

Proper Citation

RRID:MGI:2183218

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^{tm1Pch}/Egr2^{tm1Pch}

Record Creation Time: 20240120T190748+0000

Record Last Update: 20240130T202107+0000

Ratings and Alerts

No rating or validation information has been found for Egr2^{tm1Pch}/Egr2^{tm1Pch}.

No alerts have been found for Egr2^{tm1Pch}/Egr2^{tm1Pch}.

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.