

Resource Summary Report

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

[Ror2^{tm1Ymi}/Ror2^{tm1Ymi}](#)

RRID:MGI:3038706

Type: Organism

Proper Citation

RRID:MGI:3038706

Organism Information

URL:

Proper Citation: RRID:MGI:3038706

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

Species: *Mus musculus*

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

Phenotype: neonatal lethality, complete penetrance, delayed bone ossification, abnormal limb morphology, abnormal mandible morphology, abnormal jaw morphology, failure of palatal shelf elevation, abnormal nasal capsule morphology, abnormal cranium morphology, abnormal vertebrae morphology, decreased width of hypertrophic chondrocyte zone, abnormal long bone epiphyseal plate proliferative zone, short radius, abnormal sacral vertebrae morphology, abnormal somite development, abnormal somite shape, abnormal somite size, abnormal maxilla morphology, short Meckel's cartilage, small tail bud, short ulna, brachydactyly, delayed chondrocyte differentiation, small sacral vertebrae, sacral vertebral fusion, short tail, abnormal tegmen tympani morphology, decreased embryo size, polydactyly, abnormal Meckel's cartilage morphology, short mandible, cleft secondary palate, increased cranium width, abnormal malleus morphology, abnormal middle ear ossicle morphology, genital tubercle hypoplasia, abnormal autopod morphology, abnormal mandibular condyloid process morphology, abnormal mandibular angle morphology, abnormal forelimb stylopod morphology, abnormal forelimb zeugopod morphology, abnormal hindlimb stylopod morphology, abnormal hindlimb zeugopod morphology, decreased length of long bones, short metacarpal bones, abnormal craniofacial development, midface hypoplasia, ocular hypertelorism, abnormal cartilage development, perimembraneous ventricular septal defect, abnormal blood homeostasis, abnormal pulmonary alveolus morphology, delayed chondrocyte differentiation, respiratory distress, decreased embryo size, abnormal vertebrae development, transposition of great arteries, neonatal lethality, complete penetrance, cyanosis, abnormal rib morphology, abnormal cartilage morphology, rib fusion, abnormal primordial germ cell migration,

decreased primordial germ cell number

Affected Gene: Ror2

Genomic Alteration: tm1Ymi

Catalog Number: 3038706

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14745966](#), [PMID:22216013](#), [PMID:10651906](#)

Organism Name: Ror2^{tm1Ymi}/Ror2^{tm1Ymi}

Record Creation Time: 20240120T190705+0000

Record Last Update: 20240130T202134+0000

Ratings and Alerts

No rating or validation information has been found for Ror2^{tm1Ymi}/Ror2^{tm1Ymi}.

No alerts have been found for Ror2^{tm1Ymi}/Ror2^{tm1Ymi}.

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.