

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

[Runx2^{tm1Hkiy}/Runx2^{tm1Hkiy}](#)

RRID:MGI:5770597

Type: Organism

Proper Citation

RRID:MGI:5770597

Organism Information

URL:

Proper Citation: RRID:MGI:5770597

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

Species: Mus musculus

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

Phenotype: abnormal skeleton development, delayed sagittal suture closure, neonatal lethality, complete penetrance, increased bone trabecular spacing, impaired osteoblast differentiation, delayed intramembranous bone ossification, delayed endochondral bone ossification, delayed bone ossification, decreased volumetric bone mineral density, decreased trabecular bone thickness, decreased bone mass, abnormal phalanx morphology, absent occipital bone, abnormal hyoid bone morphology, absent clavicle, abnormal neurocranium morphology, decreased bone volume, decreased bone trabecula number, decreased bone mineral density of femur

Affected Gene: Runx2

Genomic Alteration: tm1Hkiy

Catalog Number: 5770597

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:25244033](#)

Organism Name: Runx2^{tm1Hkiy}/Runx2^{tm1Hkiy}

Record Creation Time: 20240120T185905+0000

Record Last Update: 20240130T201603+0000

Ratings and Alerts

No rating or validation information has been found for Runx2^{tm1Hkiy}/Runx2^{tm1Hkiy}.

No alerts have been found for Runx2^{tm1Hkiy}/Runx2^{tm1Hkiy}.

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.