

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

[Runx2^{tm1Mjo}/Runx2⁺](#)

RRID:MGI:3044747

Type: Organism

Proper Citation

RRID:MGI:3044747

Organism Information

URL:

Proper Citation: RRID:MGI:3044747

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

Species: Mus musculus

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

Phenotype: interparietal bone hypoplasia, abnormal osteoblast differentiation, wide cranial sutures, abnormal long bone epiphyseal plate morphology, abnormal humerus morphology, abnormal fontanelle morphology, underdeveloped hair follicles, thin epidermis, abnormal tooth development, abnormal xiphoid process morphology, absent deltoid tuberosity, clavicle hypoplasia, delayed endochondral bone ossification, delayed intramembranous bone ossification, abnormal skin morphology, abnormal epidermis suprabasal layer morphology, hyoid bone hypoplasia, pubis hypoplasia, parietal bone hypoplasia, abnormal cartilage morphology, ischium hypoplasia

Affected Gene: Runx2

Genomic Alteration: tm1Mjo

Catalog Number: 3044747

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18262513](#), [PMID:9182764](#)

Organism Name: Runx2^{tm1Mjo}/Runx2⁺

Record Creation Time: 20240120T190658+0000

Record Last Update: 20240130T202038+0000

Ratings and Alerts

No rating or validation information has been found for Runx2^{tm1Mjo}/Runx2⁺.

No alerts have been found for Runx2^{tm1Mjo}/Runx2⁺.

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.