Resource Summary Report

Generated by NIF on Aug 6, 2026

Runx2^{tm1Mjo}/Runx2^{tm1Mjo}

RRID:MGI:3044748
Type: Organism

Proper Citation

RRID:MGI:3044748

Organism Information

URL:

Proper Citation: RRID:MGI:3044748

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

Species: Mus musculus

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

Phenotype: abnormal lung volume, increased nucleated erythrocyte cell number, abnormal tooth development, delayed intramembranous bone ossification, abnormal clavicle morphology, abnormal bone ossification, abnormal cranium morphology, neonatal lethality, complete penetrance, pulmonary vascular congestion, absent bone marrow cell, abnormal cartilage development, decreased osteoblast cell number, decreased body weight, delayed endochondral bone ossification, decreased body size, abnormal nose morphology, respiratory failure

Affected Gene: Runx2

Genomic Alteration: tm1Mjo

Catalog Number: 3044748

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:9182764

Organism Name: Runx2^{tm1Mjo}/Runx2^{tm1Mjo}

Record Creation Time: 20240120T190658+0000

Record Last Update: 20240130T202131+0000

Ratings and Alerts

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

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

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.