

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 16, 2026

[Runx2^{tm1Mjo}/Runx2⁺](#); [Runx3^{tm1Yg}/Runx3^{tm1Yg}](#)

RRID:MGI:5689554

Type: Organism

Proper Citation

RRID:MGI:5689554

Organism Information

URL:

Proper Citation: RRID:MGI:5689554

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

Species: Mus musculus

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

Phenotype: postnatal lethality, incomplete penetrance, delayed bone ossification

Affected Gene: Runx3, Runx2

Genomic Alteration: tm1Yg, tm1Mjo

Catalog Number: 5689554

Background: involves: 129S1/Sv * 129X1/SvJ * ICR

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25605327](#)

Organism Name: Runx2^{tm1Mjo}/Runx2⁺; Runx3^{tm1Yg}/Runx3^{tm1Yg}

Record Creation Time: 20240120T185935+0000

Record Last Update: 20240130T201621+0000

Ratings and Alerts

No rating or validation information has been found for Runx2^{tm1Mjo}/Runx2⁺; Runx3^{tm1Yg}/Runx3^{tm1Yg}.

No alerts have been found for Runx2^{tm1Mjo}/Runx2⁺; Runx3^{tm1Yg}/Runx3^{tm1Yg}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Gross S, et al. (2012) Hoxa11 and Hoxd11 regulate chondrocyte differentiation upstream of Runx2 and Shox2 in mice. PloS one, 7(8), e43553.