

# Resource Summary Report

Generated by [ASWG](#) on Aug 10, 2026

## [Runx2<sup>tm1Mjo</sup>/Runx2<sup>tm1Mjo</sup>](#)

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<sup>tm1Mjo</sup>/Runx2<sup>tm1Mjo</sup>

**Record Creation Time:** 20240120T190658+0000

**Record Last Update:** 20240130T202131+0000

---

## Ratings and Alerts

No rating or validation information has been found for Runx2<sup>tm1Mjo</sup>/Runx2<sup>tm1Mjo</sup>.

No alerts have been found for Runx2<sup>tm1Mjo</sup>/Runx2<sup>tm1Mjo</sup>.

---

## 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.