

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

B6.129X1-Runx2^{tm1Ldq}/Mmmh

RRID:MMRRC_032650-MU

Type: Organism

Proper Citation

RRID:MMRRC_032650-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32650

Proper Citation: RRID:MMRRC_032650-MU

Description: Mus musculus with name B6.129X1-Runx2^{tm1Ldq}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer, Cell Biology, Developmental Biology, Research Tools;
Mutation Type: Targeted Mutation ; Collection:

Phenotype: delayed bone ossification [MP:0000060]| large anterior fontanelle [MP:0000085]| abnormal nasal bone morphology [MP:0000102]| abnormal trabecular bone morphology [MP:0000130]| abnormal long bone epiphysis morphology [MP:0000131]| decreased compact bone thickness [MP:0000135]| abnormal rib morphology [MP:0000150]| abnormal cranium morphology [MP:0000438]| abnormal tibia morphology [MP:0000558]| premature death [MP:0002083]| abnormal hyoid bone morphology [MP:0003056]| absent occipital bone [MP:0004440]| decreased length of long bones [MP:0004686]| absent zygomatic arch [MP:0004900]| abnormal clavicle morphology [MP:0005298]| abnormal phalanx morphology [MP:0005306]| abnormal skeleton morphology [MP:0005508]| abnormal bone ossification [MP:0008271]| decreased birth weight [MP:0009674]| decreased birth body size [MP:0009703]| postnatal lethality [MP:0011086]

Affected Gene: Runx2

Catalog Number: 032650-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:15007057](#), [PMID:15936013](#), [PMID:19419310](#)

Alternate IDs: MMRRC_32650-MU, MMRRC_032650, MMRRC_3265

Organism Name: B6.129X1-*Runx2*^{tm1Ldq}/Mmmh

Record Creation Time: 20230308T055130+0000

Record Last Update: 20260801T124248+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1-*Runx2*^{tm1Ldq}/Mmmh.

No alerts have been found for B6.129X1-*Runx2*^{tm1Ldq}/Mmmh.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.