

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

B6;129S5-Mia3^{tm1Lex}/Mmucd

RRID:MMRRC_032470-UCD

Type: Organism

Proper Citation

RRID:MMRRC_032470-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32470

Proper Citation: RRID:MMRRC_032470-UCD

Description: Mus musculus with name B6;129S5-Mia3^{tm1Lex}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: Genentech

Phenotype: delayed bone ossification [MP:0000060]| abnormal cartilage development [MP:0000164]| abnormal chondrocyte morphology [MP:0000166]| abnormal cell morphology [MP:0000358]| short snout [MP:0000445]| short limbs [MP:0000547]| abnormal dermal layer morphology [MP:0001243]| internal hemorrhage [MP:0001634]| edema [MP:0001785]| respiratory failure [MP:0001953]| abnormal skeleton development [MP:0002113]| disproportionate dwarf [MP:0002427]| decreased skin tensile strength [MP:0003089]| decreased fetal size [MP:0004200]| decreased osteoblast cell number [MP:0004989]| abnormal cell physiology [MP:0005621]| abnormal cutaneous collagen fibril morphology [MP:0008438]| abnormal chondrocyte physiology [MP:0009780]| absent bone trabeculae [MP:0010870]| perinatal lethality [MP:0011089]| complete penetrance [MP:0020138]

Affected Gene: Mia3

Catalog Number: 032470-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:20562862](#)

Alternate IDs: MMRRC_32470-UCD, MMRRC_032470, MMRRC_3247

Organism Name: B6;129S5-*Mia3*^{tm1Lex}/Mmucd

Record Creation Time: 20230308T055129+0000

Record Last Update: 20260808T124031+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S5-*Mia3*^{tm1Lex}/Mmucd.

No alerts have been found for B6;129S5-*Mia3*^{tm1Lex}/Mmucd.

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.