Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 15, 2025

B6;129S7-Del(17Hspa1b-Hsp1a)1Dix/Mmucd

RRID:MMRRC_000371-UCD
Type: Organism

Proper Citation

RRID:MMRRC_000371-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=371

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Description: Mus musculus with name B6;129S7-Del(17Hspa1b-Hsp1a)1Dix/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Cancer, Cardiovascular, Cell Biology, Developmental Biology, Immunology and Inflammation, Models for Human Disease, Neurobiology, Reproduction; Mutation Type: Targeted Mutation ; Collection:

Phenotype: decreased cell proliferation [MP:0000352]| increased cellular sensitivity to gamma-irradiation [MP:0002007]| increased myocardial infarction size [MP:0003037]| neurofibrillary tangles [MP:0003214]| spontaneous chromosome breakage [MP:0004029]| induced chromosome breakage [MP:0004030]| abnormal cell cycle checkpoint function [MP:0004045]| tau protein deposits [MP:0004250]| decreased mitotic index [MP:0004759]| abnormal enzyme/coenzyme activity [MP:0005584]| abnormal cell physiology [MP:0005621]| abnormal spermatocyte morphology [MP:0006379]| early cellular replicative senescence [MP:0008008]| abnormal DNA repair [MP:0008058]| decreased birth weight [MP:0009674]

Affected Gene: |Hspa1a|Hspa1b

Catalog Number: 000371-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:14701760, PMID:12714332, PMID:14678980

Alternate IDs: MMRRC_371-UCD, MMRRC_000371, MMRRC_371

Organism Name: B6;129S7-Del(17Hspa1b-Hsp1a)1Dix/Mmucd

Record Creation Time: 20230308T054752+0000

Record Last Update: 20250510T102408+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S7-Del(17Hspa1b-Hsp1a)1Dix/Mmucd.

No alerts have been found for B6;129S7-Del(17Hspa1b-Hsp1a)1Dix/Mmucd.

Data and Source Information

Source: Integrated Animals

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Wetzel C, et al. (2022) Anserine and Carnosine Induce HSP70-Dependent H2S Formation in Endothelial Cells and Murine Kidney. Antioxidants (Basel, Switzerland), 12(1).