

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

B6.Cg-Hmgn2^{tm1.1Mbus} Hmgn1^{tm1Mbus}/Mmjax

RRID:MMRRC_043523-JAX

Type: Organism

Proper Citation

RRID:MMRRC_043523-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=43523

Proper Citation: RRID:MMRRC_043523-JAX

Description: Mus musculus with name B6.Cg-Hmgn2^{tm1.1Mbus} Hmgn1^{tm1Mbus}/Mmjax from MMRRC.

Species: Mus musculus

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

Phenotype: increased sensitivity to skin irradiation [MP:0001203]| increased metastatic potential [MP:0001272]| decreased startle reflex [MP:0001489]| increased mortality induced by gamma-irradiation [MP:0001658]| increased cellular sensitivity to gamma-irradiation [MP:0002007]| increased malignant tumor incidence [MP:0002018]| increased tumor incidence [MP:0002020]| increased pheochromocytoma incidence [MP:0002050]| decreased circulating corticosterone level [MP:0002665]| decreased vertical activity [MP:0002757]| increased hemangioma incidence [MP:0002947]| abnormal cell cycle checkpoint function [MP:0004045]| increased incidence of tumors by ionizing radiation induction [MP:0004500]| abnormal cell physiology [MP:0005621]| increased cellular sensitivity to ultraviolet irradiation [MP:0008410]| decreased prepulse inhibition [MP:0009142]| embryonic lethality during organogenesis [MP:0011108]| incomplete penetrance [MP:0011703]

Affected Gene: Hmgn2|Hmgn1|

Catalog Number: 043523-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_43523-JAX, MMRRC_043523, MMRRC_43523

Organism Name: B6.Cg-*Hmgn2*^{tm1.1Mbus} *Hmgn1*^{tm1Mbus}/Mmjax

Record Creation Time: 20230308T055233+0000

Record Last Update: 20260801T124558+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-*Hmgn2*^{tm1.1Mbus} *Hmgn1*^{tm1Mbus}/Mmjax.

No alerts have been found for B6.Cg-*Hmgn2*^{tm1.1Mbus} *Hmgn1*^{tm1Mbus}/Mmjax.

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.