

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

B6;129S7-Hormad1^{tm1Rajk}/Mmjax

RRID:MMRRC_041469-JAX

Type: Organism

Proper Citation

RRID:MMRRC_041469-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=41469

Proper Citation: RRID:MMRRC_041469-JAX

Description: Mus musculus with name B6;129S7-Hormad1^{tm1Rajk}/Mmjax from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal testis morphology [MP:0001146]| small testis [MP:0001147]| seminiferous tubule degeneration [MP:0001154]| failure of embryo implantation [MP:0001728]| embryonic growth arrest [MP:0001730]| male infertility [MP:0001925]| female infertility [MP:0001926]| abnormal meiosis [MP:0001930]| aneuploidy [MP:0004024]| decreased testis weight [MP:0004852]| azoospermia [MP:0005159]| abnormal female meiosis [MP:0005168]| arrest of male meiosis [MP:0008261]| abnormal male germ cell apoptosis [MP:0008280]| abnormal chiasmata formation [MP:0008966]| abnormal chromosomal synapsis [MP:0009451]| abnormal preimplantation embryo development [MP:0009781]| abnormal female meiosis I arrest [MP:0010767]

Affected Gene: Hormad1

Catalog Number: 041469-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21079677](#)

Alternate IDs: MMRRC_41469-JAX, MMRRC_041469, MMRRC_41469

Organism Name: B6;129S7-*Hormad1*^{tm1Rajk}/Mmjax

Record Creation Time: 20230308T055218+0000

Record Last Update: 20260815T125130+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S7-*Hormad1*^{tm1Rajk}/Mmjax.

No alerts have been found for B6;129S7-*Hormad1*^{tm1Rajk}/Mmjax.

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 [NIF](#) .

Guan Y, et al. (2022) SCF ubiquitin E3 ligase regulates DNA double-strand breaks in early meiotic recombination. Nucleic acids research, 50(9), 5129.