

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

STOCK *Piwil1^{tm1Hfl}/Mmmh*

RRID:MMRRC_029995-MU

Type: Organism

Proper Citation

RRID:MMRRC_029995-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=29995

Proper Citation: RRID:MMRRC_029995-MU

Description: Mus musculus with name STOCK *Piwil1^{tm1Hfl}/Mmmh* from MMRRC.

Species: Mus musculus

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

Phenotype: male infertility [MP:0001925]| decreased testis weight [MP:0004852]| abnormal male germ cell morphology [MP:0006362]| arrest of male meiosis [MP:0008261]

Affected Gene: *Piwil1*

Catalog Number: 029995-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12062093](#)

Alternate IDs: MMRRC_29995-MU, MMRRC_029995, MMRRC_29995

Organism Name: STOCK *Piwil1^{tm1Hfl}/Mmmh*

Record Creation Time: 20230308T055117+0000

Record Last Update: 20260725T164110+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Piwi1^{tm1Hfl}*/Mmmh.

No alerts have been found for STOCK *Piwi1^{tm1Hfl}*/Mmmh.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

??zata DM, et al. (2020) Evolutionarily conserved pachytene piRNA loci are highly divergent among modern humans. Nature ecology & evolution, 4(1), 156.

Vourekas A, et al. (2012) Mili and Miwi target RNA repertoire reveals piRNA biogenesis and function of Miwi in spermiogenesis. Nature structural & molecular biology, 19(8), 773.