

Resource Summary Report

Generated by [dkNET](#) on Sep 15, 2026

B6.129-H2-K1^{b-tm1Bpe} H2-D1^{b-tm1Bpe}/Mmmh

RRID:MMRRC_041472-MU

Type: Organism

Proper Citation

RRID:MMRRC_041472-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=41472

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Description: Mus musculus with name B6.129-H2-K1^{b-tm1Bpe} H2-D1^{b-tm1Bpe}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Developmental Biology, Immunology and Inflammation, Models for Human Disease, Neurobiology, Research Tools, Sensorineural; Mutation Type: Targeted Mutation ; Collection:

Phenotype: absent CD8-positive [MP:0000727] alpha-beta T cells [MP:0002083] premature death [MP:0002886] abnormal glutamate-mediated receptor currents [MP:0002916] increased synaptic depression [MP:0002919] enhanced paired-pulse facilitation [MP:0003858] enhanced coordination [MP:0004801] increased susceptibility to systemic lupus erythematosus [MP:0005078] abnormal cytotoxic T cell physiology [MP:0008074] increased CD4-positive [MP:0008079] alpha beta T cell number [MP:0009790] absent CD8-positive [MP:0000727] alpha-beta T cells [MP:0002083] premature death [MP:0002886] abnormal glutamate-mediated receptor currents [MP:0002916] increased synaptic depression [MP:0002919] enhanced paired-pulse facilitation [MP:0003858] enhanced coordination [MP:0004801] increased susceptibility to systemic lupus erythematosus [MP:0005078] abnormal cytotoxic T cell physiology [MP:0008074] increased CD4-positive [MP:0008079] alpha beta T cell number [MP:0009790]

Affected Gene: H2-D1|H2-K1|

Catalog Number: 041472-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:9182675](#), [PMID:10229092](#), [PMID:19945389](#), [PMID:9770513](#), [PMID:25316337](#)

Alternate IDs: MMRRC_41472-MU, MMRRC_041472, MMRRC_41472

Organism Name: B6.129-*H2-K1^{b-tm1Bpe} H2-D1^{b-tm1Bpe}/Mmmh*

Record Creation Time: 20230308T055218+0000

Record Last Update: 20260912T134956+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-*H2-K1^{b-tm1Bpe} H2-D1^{b-tm1Bpe}/Mmmh*.

No alerts have been found for B6.129-*H2-K1^{b-tm1Bpe} H2-D1^{b-tm1Bpe}/Mmmh*.

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.