

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

[H2-K1^{tm1Bpe}/H2-K1^{tm1Bpe}; H2-D1^{tm1Bpe}/H2-D1^{tm1Bpe}](#)

RRID:MGI:3623453

Type: Organism

Proper Citation

RRID:MGI:3623453

Organism Information

URL:

Proper Citation: RRID:MGI:3623453

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: decreased susceptibility to viral infection induced morbidity/mortality, absent CD8-positive, alpha-beta T cells, enhanced coordination, abnormal glutamate-mediated receptor currents, enhanced paired-pulse facilitation, nervous system phenotype, increased synaptic depression, increased CD4-positive, alpha beta T cell number, decreased CD8-positive, alpha-beta T cell number

Affected Gene: H2-K1, H2-D1

Genomic Alteration: tm1Bpe

Catalog Number: 3623453

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10499926](#), [PMID:19346486](#), [PMID:10229092](#)

Organism Name: H2-K1^{tm1Bpe}/H2-K1^{tm1Bpe}; H2-D1^{tm1Bpe}/H2-D1^{tm1Bpe}

Record Creation Time: 20240120T190559+0000

Record Last Update: 20240130T202004+0000

Ratings and Alerts

No rating or validation information has been found for H2-K1^{tm1Bpe}/H2-K1^{tm1Bpe}; H2-D1^{tm1Bpe}/H2-D1^{tm1Bpe}.

No alerts have been found for H2-K1^{tm1Bpe}/H2-K1^{tm1Bpe}; H2-D1^{tm1Bpe}/H2-D1^{tm1Bpe}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.