

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

[Mep1a^{tm1Bond}](#)/[Mep1a^{tm1Bond}](#)

RRID:MGI:3833918

Type: Organism

Proper Citation

RRID:MGI:3833918

Organism Information

URL:

Proper Citation: RRID:MGI:3833918

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

Species: Mus musculus

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

Phenotype: increased circulating interleukin-1 beta level, urinary bladder inflammation, abnormal blood homeostasis, abnormal blood urea nitrogen level, proximal convoluted tubule brush border loss, increased susceptibility to induced colitis, abnormal circulating creatinine level, abnormal body temperature homeostasis, increased circulating interleukin-6 level, abnormal renal tubule morphology, abnormal leukocyte physiology, abnormal circulating interleukin-1 beta level, abnormal tumor necrosis factor level, abnormal cytokine level, abnormal renal/urinary system physiology, abnormal cytokine level, abnormal chemokine level, decreased litter size

Affected Gene: Mep1a

Genomic Alteration: tm1Bond

Catalog Number: 3833918

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19262505](#), [PMID:18971209](#)

Organism Name: Mep1a^{tm1Bond}/Mep1a^{tm1Bond}

Record Creation Time: 20240120T190355+0000

Record Last Update: 20240130T201854+0000

Ratings and Alerts

No rating or validation information has been found for Mep1a^{tm1Bond}/Mep1a^{tm1Bond}.

No alerts have been found for Mep1a^{tm1Bond}/Mep1a^{tm1Bond}.

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.