

Resource Summary Report

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

B6;129S4-Mbd1^{tm1Fhg}/Mmucd

RRID:MMRRC_029591-UCD

Type: Organism

Proper Citation

RRID:MMRRC_029591-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=29591

Proper Citation: RRID:MMRRC_029591-UCD

Description: Mus musculus with name B6;129S4-Mbd1^{tm1Fhg}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Cell Biology, Developmental Biology, Metabolism, Models for Human Disease, Neurobiology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal hippocampus development [MP:0000808]| abnormal dentate gyrus morphology [MP:0000812]| abnormal spatial learning [MP:0001463]| decreased brain weight [MP:0002175]| abnormal long term potentiation [MP:0002207]| aneuploidy [MP:0004024]| chromosome breakage [MP:0004028]| chromosomal instability [MP:0008866]| abnormal neuron differentiation [MP:0009937]

Affected Gene: Mbd1

Catalog Number: 029591-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12748381](#)

Alternate IDs: MMRRC_29591-UCD, MMRRC_029591, MMRRC_29591

Organism Name: B6;129S4-Mbd1^{tm1Fhg}/Mmucd

Record Creation Time: 20230308T055116+0000

Record Last Update: 20260829T123302+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4-*Mbd1*^{tm1Fhg}/Mmucd.

No alerts have been found for B6;129S4-*Mbd1*^{tm1Fhg}/Mmucd.

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.