

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

B6;129S5-Prdm16^{Gt683Lex}/Mmucd

RRID:MMRRC_011760-UCD

Type: Organism

Proper Citation

RRID:MMRRC_011760-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=11760

Proper Citation: RRID:MMRRC_011760-UCD

Description: Mus musculus with name B6;129S5-Prdm16^{Gt683Lex}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Gene Trap ; Collection: Lexicon

Phenotype: increased leukocyte cell number [MP:0000218]| abnormal heart morphology [MP:0000266]| ventricular hypoplasia [MP:0000279]| pointed snout [MP:0000448]| abnormal tongue morphology [MP:0000762]| cleft secondary palate [MP:0009890]| perinatal lethality [MP:0011089]| complete penetrance [MP:0011101]

Affected Gene: Prdm16

Catalog Number: 011760-UCD

Background: Gene Trap

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_11760-UCD, MMRRC_011760, MMRRC_1176

Organism Name: B6;129S5-Prdm16^{Gt683Lex}/Mmucd

Record Creation Time: 20230308T054913+0000

Record Last Update: 20260815T123317+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S5-*Prdm16*^{Gt683Lex}/Mmucd.

No alerts have been found for B6;129S5-*Prdm16*^{Gt683Lex}/Mmucd.

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](#) .

Bjork BC, et al. (2010) *Prdm16* is required for normal palatogenesis in mice. Human molecular genetics, 19(5), 774.

Chuikov S, et al. (2010) *Prdm16* promotes stem cell maintenance in multiple tissues, partly by regulating oxidative stress. Nature cell biology, 12(10), 999.