

Resource Summary Report

Generated by [dkNET](#) on Sep 16, 2026

B6.129P2(FVB)-Zdhhc7^{tm1.2Lusc}/Mmmh

RRID:MMRRC_043511-MU

Type: Organism

Proper Citation

RRID:MMRRC_043511-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=43511

Proper Citation: RRID:MMRRC_043511-MU

Description: Mus musculus with name B6.129P2(FVB)-Zdhhc7^{tm1.2Lusc}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer, Diabetes, Endocrine Deficiency, Models for Human Disease, Neurobiology, Reproduction, Virology; Mutation Type: Targeted Mutation ; Collection:

Affected Gene: Zdhhc7

Catalog Number: 043511-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_43511-MU, MMRRC_043511, MMRRC_43511

Organism Name: B6.129P2(FVB)-Zdhhc7^{tm1.2Lusc}/Mmmh

Record Creation Time: 20230308T055233+0000

Record Last Update: 20260912T135031+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2(FVB)-*Zdhhc7*^{tm1.2Lusc}/Mmmh.

No alerts have been found for B6.129P2(FVB)-*Zdhhc7*^{tm1.2Lusc}/Mmmh.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Zhang M, et al. (2025) SMAD2 S-palmitoylation promotes its linker region phosphorylation and TH17 cell differentiation in a mouse model of multiple sclerosis. *Science signaling*, 18(888), eadr2008.

Liu Y, et al. (2024) MAVS Cys508 palmitoylation promotes its aggregation on the mitochondrial outer membrane and antiviral innate immunity. *Proceedings of the National Academy of Sciences of the United States of America*, 121(34), e2403392121.

Yu T, et al. (2024) NLRP3 Cys126 palmitoylation by ZDHHC7 promotes inflammasome activation. *Cell reports*, 43(4), 114070.

Jiang Y, et al. (2023) STAT3 palmitoylation initiates a positive feedback loop that promotes the malignancy of hepatocellular carcinoma cells in mice. *Science signaling*, 16(814), eadd2282.

Zhang M, et al. (2020) A STAT3 palmitoylation cycle promotes TH17 differentiation and colitis. *Nature*, 586(7829), 434.