

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

FVB/N-Tg(tetO-HTR4*D100A)7Niss/Mmmh

RRID:MMRRC_029992-MU

Type: Organism

Proper Citation

RRID:MMRRC_029992-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=29992

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Description: Mus musculus with name FVB/N-Tg(tetO-HTR4*D100A)7Niss/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Cardiovascular, Cell Biology, Developmental Biology, Endocrine Deficiency, Models for Human Disease, Neurobiology, Research Tools; Mutation Type: Transgenic ; Collection:

Affected Gene: tetOp|HTR4|

Catalog Number: 029992-MU

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:18212126](#)

Alternate IDs: MMRRC_29992-MU, MMRRC_029992, MMRRC_29992

Organism Name: FVB/N-Tg(tetO-HTR4*D100A)7Niss/Mmmh

Record Creation Time: 20230308T055117+0000

Record Last Update: 20260905T110835+0000

Ratings and Alerts

No rating or validation information has been found for FVB/N-Tg(tetO-HTR4*D100A)7Niss/Mmmh.

No alerts have been found for FVB/N-Tg(tetO-HTR4*D100A)7Niss/Mmmh.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Lung H, et al. (2024) Wnt pathway inhibition with the porcupine inhibitor LGK974 decreases trabecular bone but not fibrosis in a murine model with fibrotic bone. JBMR plus, 8(5), ziae011.

Cain CJ, et al. (2016) Increased Gs Signaling in Osteoblasts Reduces Bone Marrow and Whole-Body Adiposity in Male Mice. Endocrinology, 157(4), 1481.

Hsiao EC, et al. (2008) Osteoblast expression of an engineered Gs-coupled receptor dramatically increases bone mass. Proceedings of the National Academy of Sciences of the United States of America, 105(4), 1209.