Resource Summary Report

Generated by SPARC SAWG on Jul 29, 2026

C57BL/6N-Tg(Calcrl.cre)4688Nkza/J

RRID:IMSR_JAX:023014
Type: Organism

Proper Citation

RRID:IMSR_JAX:023014

Organism Information

URL: https://www.jax.org/strain/023014

Proper Citation: RRID:IMSR_JAX:023014

Description: Mus musculus with name C57BL/6N-Tg(Calcrl.cre)4688Nkza/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: calcitonin receptor-like||transgene insertion 4688; Kazu Nakazawa; coisogenic strain|mutant strain: Calcrl||Tg(Calcrl;cre)4688Nkza

Affected Gene: calcitonin receptor-like||transgene insertion 4688; Kazu Nakazawa

Genomic Alteration: transgene insertion 4688; Kazu Nakazawa

Catalog Number: JAX:023014

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6N-Tg(Calcrl.cre)4688Nkza/J

Record Creation Time: 20250513T053747+0000

Record Last Update: 20260725T044454+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Tg(Calcrl.cre)4688Nkza/J.

No alerts have been found for C57BL/6N-Tg(Calcrl.cre)4688Nkza/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Jeong M, et al. (2024) Maladaptation of dentate gyrus mossy cells mediates contextual discrimination deficit after traumatic stress. Cell reports, 43(4), 114000.

Hung YC, et al. (2023) Loss of oxytocin receptors in hilar mossy cells impairs social discrimination. Neurobiology of disease, 187, 106311.

Wang KY, et al. (2021) Elevation of hilar mossy cell activity suppresses hippocampal excitability and avoidance behavior. Cell reports, 36(11), 109702.