Resource Summary Report

Generated by kravitz2 on Aug 1, 2026

STOCK Tg(Gnrh1-cre)1Dlc/J

RRID:IMSR_JAX:021207
Type: Organism

Proper Citation

RRID:IMSR_JAX:021207

Organism Information

URL: https://www.jax.org/strain/021207

Proper Citation: RRID:IMSR_JAX:021207

Description: Mus musculus with name STOCK Tg(Gnrh1-cre)1Dlc/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: gonadotropin releasing hormone 1|transgene insertion 1; Catherine Dulac|; mutant stock: Gnrh1|Tg(Gnrh1-cre)1Dlc|

Affected Gene: gonadotropin releasing hormone 1|transgene insertion 1; Catherine Dulac|

Genomic Alteration: transgene insertion 1; Catherine Dulac

Catalog Number: JAX:021207

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(Gnrh1-cre)1Dlc/J

Record Creation Time: 20250513T053742+0000

Record Last Update: 20260801T050450+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Gnrh1-cre)1Dlc/J.

No alerts have been found for STOCK Tg(Gnrh1-cre)1Dlc/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Liu Y, et al. (2025) In-vivo properties and functional subtypes of gonadotropin-releasing hormone neurons. iScience, 28(5), 112513.

Yeo SH, et al. (2025) Shifting GnRH Neuron Ensembles Underlie Successive Preovulatory Luteinizing Hormone Surges. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(3).

Wang Q, et al. (2023) Regional and cell-type-specific afferent and efferent projections of the mouse claustrum. Cell reports, 42(2), 112118.

Liu X, et al. (2021) Highly redundant neuropeptide volume co-transmission underlying episodic activation of the GnRH neuron dendron. eLife, 10.

Dulka EA, et al. (2020) Chemogenetic Suppression of GnRH Neurons during Pubertal Development Can Alter Adult GnRH Neuron Firing Rate and Reproductive Parameters in Female Mice. eNeuro, 7(3).

Burger LL, et al. (2020) Prenatal Androgenization Alters the Development of GnRH Neuron and Preoptic Area RNA Transcripts in Female Mice. Endocrinology, 161(11).

Wang L, et al. (2020) Different dendritic domains of the GnRH neuron underlie the pulse and surge modes of GnRH secretion in female mice. eLife, 9.