

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 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: 20260905T044524+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 [dkNET](#).

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.