

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org) on Apr 1, 2025

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: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:21207

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

Record Creation Time: 20230509T193315+0000

Record Last Update: 20240104T175041+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: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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).

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.