

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

STOCK Tg(Kiss1-cre)J2-4Cfe/J

RRID:IMSR_JAX:023426

Type: Organism

Proper Citation

RRID:IMSR_JAX:023426

Organism Information

URL: <https://www.jax.org/strain/023426>

Proper Citation: RRID:IMSR_JAX:023426

Description: Mus musculus with name STOCK Tg(Kiss1-cre)J2-4Cfe/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Tg(Kiss1-cre)J2-4Cfe/J

Notes: gene symbol note: transgene insertion J2-4; Carol F Elias|KiSS-1 metastasis-suppressor|; mutant stock: Tg(Kiss1-cre)J2-4Cfe|Kiss1|

Affected Gene: transgene insertion J2-4; Carol F Elias|KiSS-1 metastasis-suppressor|

Genomic Alteration: transgene insertion J2-4; Carol F Elias

Catalog Number: JAX:023426

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(Kiss1-cre)J2-4Cfe/J

Record Creation Time: 20250513T053748+0000

Record Last Update: 20260912T060532+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Kiss1-cre)J2-4Cfe/J.

No alerts have been found for STOCK Tg(Kiss1-cre)J2-4Cfe/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Bearss RJ, et al. (2025) Activation of ionotropic and group I metabotropic glutamate receptors stimulates kisspeptin neuron activity in mice. *Journal of neuroendocrinology*, 37(1), e13456.

Wang M, et al. (2024) IGF-1 Acts through Kiss1-expressing Cells to Influence Metabolism and Reproduction. *bioRxiv : the preprint server for biology*.

Wang M, et al. (2024) IGF-1 and insulin receptors in LepRb neurons jointly regulate body growth, bone mass, reproduction, and metabolism. *bioRxiv : the preprint server for biology*.

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

Cassin J, et al. (2023) Heterozygous mutations in SOX2 may cause idiopathic hypogonadotropic hypogonadism via dominant-negative mechanisms. *JCI insight*, 8(3).

Lavalle SN, et al. (2021) Kiss1 is differentially regulated in male and female mice by the homeodomain transcription factor VAX1. *Molecular and cellular endocrinology*, 534, 111358.

Ho EV, et al. (2021) Reproductive Deficits Induced by Prenatal Antimüllerian Hormone Exposure Require Androgen Receptor in Kisspeptin Cells. *Endocrinology*, 162(12).

Garcia-Galiano D, et al. (2020) ER α Signaling in GHRH/Kiss1 Dual-Phenotype Neurons Plays Sex-Specific Roles in Growth and Puberty. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(49), 9455.

Tonsfeldt KJ, et al. (2019) The Contribution of the Circadian Gene Bmal1 to Female Fertility and the Generation of the Preovulatory Luteinizing Hormone Surge. *Journal of the Endocrine Society*, 3(4), 716.