

Resource Summary Report

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STOCK Tg(Six3-cre)69Frty/GcoJ

RRID:IMSR_JAX:019755

Type: Organism

Proper Citation

RRID:IMSR_JAX:019755

Organism Information

URL: <https://www.jax.org/strain/019755>

Proper Citation: RRID:IMSR_JAX:019755

Description: Mus musculus with name STOCK Tg(Six3-cre)69Frty/GcoJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: |transgene insertion 69; Yasuhide Furuta|sine oculis-related homeobox 3; mutant stock: |Tg(Six3-cre)69Frty|Six3

Affected Gene: |transgene insertion 69; Yasuhide Furuta|sine oculis-related homeobox 3

Genomic Alteration: transgene insertion 69; Yasuhide Furuta

Catalog Number: JAX:019755

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(Six3-cre)69Frty/GcoJ

Record Creation Time: 20250513T053741+0000

Record Last Update: 20260829T045058+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Six3-cre)69Frty/GcoJ.

No alerts have been found for STOCK Tg(Six3-cre)69Frty/GcoJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Zhang J, et al. (2023) Jarid2 promotes temporal progression of retinal progenitors via repression of Foxp1. Cell reports, 42(3), 112237.

Marola OJ, et al. (2022) Vascular derived endothelin receptor A controls endothelin-induced retinal ganglion cell death. Cell death discovery, 8(1), 207.

Niu F, et al. (2022) The m6A reader YTHDF2 is a negative regulator for dendrite development and maintenance of retinal ganglion cells. eLife, 11.

Avilés EC, et al. (2022) Fat3 acts through independent cytoskeletal effectors to coordinate asymmetric cell behaviors during polarized circuit assembly. Cell reports, 38(5), 110307.

Niu F, et al. (2022) m6A regulation of cortical and retinal neurogenesis is mediated by the redundant m6A readers YTHDFs. iScience, 25(9), 104908.

Sundar J, et al. (2021) The Musashi proteins MSI1 and MSI2 are required for photoreceptor morphogenesis and vision in mice. The Journal of biological chemistry, 296, 100048.

Wilcox AG, et al. (2021) Zfhx3-mediated genetic ablation of the SCN abolishes light entrainable circadian activity while sparing food anticipatory activity. iScience, 24(10), 103142.

Luo L, et al. (2020) Optimizing Nervous System-Specific Gene Targeting with Cre Driver Lines: Prevalence of Germline Recombination and Influencing Factors. Neuron, 106(1), 37.

González-Rueda A, et al. (2018) Activity-Dependent Downscaling of Subthreshold Synaptic Inputs during Slow-Wave-Sleep-like Activity In Vivo. Neuron, 97(6), 1244.

Giardino WJ, et al. (2018) Parallel circuits from the bed nuclei of stria terminalis to the lateral hypothalamus drive opposing emotional states. Nature neuroscience, 21(8), 1084.

Duan X, et al. (2018) Cadherin Combinations Recruit Dendrites of Distinct Retinal Neurons to a Shared Interneuronal Scaffold. Neuron, 99(6), 1145.

Ing-Esteves S, et al. (2018) Combinatorial Effects of Alpha- and Gamma-Protocadherins on Neuronal Survival and Dendritic Self-Avoidance. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(11), 2713.

Peng YR, et al. (2017) Satb1 Regulates Contactin 5 to Pattern Dendrites of a Mammalian Retinal Ganglion Cell. *Neuron*, 95(4), 869.