

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

STOCK Tg(ml56i-flpe)39Fsh/J

RRID:IMSR_JAX:010815

Type: Organism

Proper Citation

RRID:IMSR_JAX:010815

Organism Information

URL: <https://www.jax.org/strain/010815>

Proper Citation: RRID:IMSR_JAX:010815

Description: Mus musculus with name STOCK Tg(ml56i-flpe)39Fsh/J from IMSR.

Species: Mus musculus

Synonyms: STOCK Tg(Dlx5/Dlx6-FLPe)39Fsh/J. STOCK Tg(ml56i-FLPe)39Fsh/J

Notes: gene symbol note: |distal-less homeobox 5|transgene insertion 39; Gordon Fishell|myc tag|distal-less homeobox 6; mutant stock: |Dlx5|Tg(ml56i-flpe)39Fsh|myc tag|Dlx6

Affected Gene: |distal-less homeobox 5|transgene insertion 39; Gordon Fishell|myc tag|distal-less homeobox 6

Genomic Alteration: transgene insertion 39; Gordon Fishell

Catalog Number: JAX:010815

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(ml56i-flpe)39Fsh/J

Record Creation Time: 20250513T053717+0000

Record Last Update: 20260815T050628+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(ml56i-flpe)39Fsh/J.

No alerts have been found for STOCK Tg(ml56i-flpe)39Fsh/J.

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 [NIF](#) .

Rangel Guerrero DK, et al. (2024) Hippocampal cholecystokinin-expressing interneurons regulate temporal coding and contextual learning. *Neuron*, 112(12), 2045.

Nguyen R, et al. (2024) Ventral hippocampal cholecystokinin interneurons gate contextual reward memory. *iScience*, 27(2), 108824.

Bilash OM, et al. (2023) Lateral entorhinal cortex inputs modulate hippocampal dendritic excitability by recruiting a local disinhibitory microcircuit. *Cell reports*, 42(1), 111962.

Bang JY, et al. (2022) Hippocampal-hypothalamic circuit controls context-dependent innate defensive responses. *eLife*, 11.

Sakamoto M, et al. (2022) A Flp-dependent G-CaMP9a transgenic mouse for neuronal imaging in vivo. *Cell reports methods*, 2(2), 100168.

Xu J, et al. (2022) Intersectional mapping of multi-transmitter neurons and other cell types in the brain. *Cell reports*, 40(1), 111036.

Sumser A, et al. (2022) Fast, high-throughput production of improved rabies viral vectors for specific, efficient and versatile transsynaptic retrograde labeling. *eLife*, 11.

Karlocai MR, et al. (2021) Variability in the Munc13-1 content of excitatory release sites. *eLife*, 10.

Kirchgessner MA, et al. (2021) Distinct "driving" versus "modulatory" influences of different visual corticothalamic pathways. *Current biology : CB*, 31(23), 5121.

Vereczki VK, et al. (2021) Total Number and Ratio of GABAergic Neuron Types in the Mouse Lateral and Basal Amygdala. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(21), 4575.

Whissell PD, et al. (2019) Selective Activation of Cholecystokinin-Expressing GABA (CCK-GABA) Neurons Enhances Memory and Cognition. *eNeuro*, 6(1).

Rovira-Esteban L, et al. (2019) Excitation of Diverse Classes of Cholecystokinin Interneurons in the Basal Amygdala Facilitates Fear Extinction. *eNeuro*, 6(6).

Whissell PD, et al. (2015) Comparative density of CCK- and PV-GABA cells within the cortex and hippocampus. *Frontiers in neuroanatomy*, 9, 124.