Resource Summary Report

Generated by Kravitz on Sep 18, 2026

STOCK Cck$^{tm1.1(cre)Zjh}$/J

RRID:IMSR_JAX:012706
Type: Organism

Proper Citation

RRID:IMSR_JAX:012706

Organism Information

URL: https://www.jax.org/strain/012706

Proper Citation: RRID:IMSR_JAX:012706

Description: Mus musculus with name STOCK Cck$^{tm1.1(cre)Zjh}$/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: cholecystokinin|; mutant stock: Cck|

Affected Gene: cholecystokinin|

Genomic Alteration: targeted mutation 1.1; Z Josh Huang

Catalog Number: JAX:012706

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: STOCK Cck$^{tm1.1(cre)Zjh}$/J

Record Creation Time: 20250513T053722+0000

Record Last Update: 20260912T060507+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Cck$^{tm1.1(cre)Zjh}$/J.

No alerts have been found for STOCK Cck$^{tm1.1(cre)Zjh}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 64 mentions in open access literature.

Listed below are recent publications. The full list is available at Kravitz .

Su XY, et al. (2026) A touch-guided neural circuit regulates motivated gnawing to maintain dental alignment. Neuron, 114(11), 2020.

Wang Z, et al. (2026) An enteric-DRG pathway for interoception and visceral pain in mice. Neuron, 114(1), 105.

de Araujo Salgado I, et al. (2026) High-fat food reinforces risk taking by suppressing defensive neurons. Current biology : CB, 36(1), 49.

Grady FS, et al. (2025) Parabrachial Foxp2-expressing neurons are necessary for sustaining core body temperature in the cold. iScience, 28(8), 112764.

Xu H, et al. (2025) Multimode neural population coding of diverse innate fear response by mitral and tufted cells. Cell reports, 44(9), 116255.

Huang F, et al. (2025) Cholecystokinin facilitates the formation of long-term heterosynaptic plasticity in the distal subiculum. Communications biology, 8(1), 153.

Millett CJ, et al. (2025) In vivo transcriptomic, functional, circuit-based, and translational analyses of enteric neurons. Cell, 188(26), 7547.

Landry T, et al. (2025) Targeting glucose-inhibited hippocampal CCK interneurons prevents cognitive impairment in diet-induced obesity. Neuron.

Cleary CM, et al. (2025) Parvalbumin-expressing neurons in the ventral medulla are active during wakefulness and promote NREM sleep. Sleep, 48(8).

Chowdhury S, et al. (2025) Brainstem neuropeptidergic neurons link a neurohumoral axis to satiation. Cell, 188(6), 1563.

Lee SS, et al. (2025) Sleep need-dependent plasticity of a thalamic circuit promotes homeostatic recovery sleep. Science (New York, N.Y.), 388(6753), eadm8203.

Noh MC, et al. (2025) A molecular and spinal circuit basis for the functional segregation of itch and pain. bioRxiv : the preprint server for biology.

Bareghamyan A, et al. (2025) A toolbox for ablating excitatory and inhibitory synapses. eLife, 13.

Sun W, et al. (2024) Heterosynaptic plasticity of the visuo-auditory projection requires cholecystokinin released from entorhinal cortex afferents. eLife, 13.

Chen F, et al. (2024) Cholecystokinin-expressing superficial tufted cells modulate odour representation in the olfactory bulb and olfactory behaviours. The Journal of physiology, 602(14), 3519.

Viellard JMA, et al. (2024) A subiculum-hypothalamic pathway functions in dynamic threat detection and memory updating. Current biology : CB, 34(12), 2657.

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

Gradwell MA, et al. (2024) Multimodal sensory control of motor performance by glycinergic interneurons of the mouse spinal cord deep dorsal horn. Neuron.

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

Elum JE, et al. (2024) Distinct dynamics and intrinsic properties in ventral tegmental area populations mediate reward association and motivation. Cell reports, 43(9), 114668.