

# Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

## B6N.Cg-Cck<sup>tm1.1(cre)</sup>Zjh/J

RRID:IMSR\_JAX:019021

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:019021

### Organism Information

**URL:** <https://www.jax.org/strain/019021>

**Proper Citation:** RRID:IMSR\_JAX:019021

**Description:** Mus musculus with name B6N.Cg-Cck<sup>tm1.1(cre)</sup>Zjh/J from IMSR.

**Species:** Mus musculus

**Synonyms:** B6N.Cck-IRES-Cre . B6N.Cck-iCre

**Notes:** gene symbol note: |cholecystokinin; mutant strain|congenic strain: |Cck

**Affected Gene:** |cholecystokinin

**Genomic Alteration:** targeted mutation 1.1; Z Josh Huang

**Catalog Number:** JAX:019021

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6N.Cg-Cck<sup>tm1.1(cre)</sup>Zjh/J

**Record Creation Time:** 20250513T053740+0000

**Record Last Update:** 20260912T060526+0000

### Ratings and Alerts

No rating or validation information has been found for B6N.Cg-Cck<sup>tm1.1(cre)</sup>Zjh/J.

No alerts have been found for B6N.Cg-Cck<sup>tm1.1(cre)</sup>Zjh/J.

## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

## Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Wong YT, et al. (2024) Artificial fluorescent sensor reveals pre-synaptic NMDA receptors switch cholecystokinin release and LTP in the hippocampus. *Journal of neurochemistry*, 168(9), 2621.

Li X, et al. (2023) Interhemispheric cortical long-term potentiation in the auditory cortex requires heterosynaptic activation of entorhinal projection. *iScience*, 26(4), 106542.

Xie L, et al. (2023) Cholecystokinin neurons in mouse suprachiasmatic nucleus regulate the robustness of circadian clock. *Neuron*, 111(14), 2201.

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

Severson KS, et al. (2017) Active Touch and Self-Motion Encoding by Merkel Cell-Associated Afferents. *Neuron*, 94(3), 666.

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