

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

B6N.Cg-Cck^{tm1.1(cre)}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^{tm1.1(cre)}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^{tm1.1(cre)}Zjh/J

Record Creation Time: 20250513T053740+0000

Record Last Update: 20260829T045041+0000

Ratings and Alerts

No rating or validation information has been found for B6N.Cg-Cck^{tm1.1(cre)}Zjh/J.

No alerts have been found for B6N.Cg-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 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.