

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

B6.Cg-Chat^{tm1.1(flpo)}Rmcd/J

RRID:IMSR_JAX:036281

Type: Organism

Proper Citation

RRID:IMSR_JAX:036281

Organism Information

URL: <https://www.jax.org/strain/036281>

Proper Citation: RRID:IMSR_JAX:036281

Description: Mus musculus with name B6.Cg-Chat^{tm1.1(flpo)}Rmcd/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: choline O-acetyltransferase; mutant strain|congenic strain: Chat

Affected Gene: choline O-acetyltransferase

Genomic Alteration: targeted mutation 1.1; Robert Machold

Catalog Number: JAX:036281

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Chat^{tm1.1(flpo)}Rmcd/J

Record Creation Time: 20250513T053853+0000

Record Last Update: 20260725T044546+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Chat^{tm1.1(flpo)}Rmcd/J.

No alerts have been found for B6.Cg-Chat^{tm1.1(flpo)}Rmcd/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Sun Q, et al. (2025) Dynorphin modulates reward-seeking actions through a pallido-amygdala cholinergic circuit. Neuron, 113(11), 1823.

Dong S, et al. (2025) Neuroanatomical organization of electroacupuncture in modulating gastric function in mice and humans. Neuron.

Sun Q, et al. (2024) Dynorphin modulates motivation through a pallido-amygdala cholinergic circuit. bioRxiv : the preprint server for biology.